FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69738/37

Matrix: Water Lab File ID: YF122137.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 09:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 830 | | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 92 | | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122137.D
Lims ID: LCS Client ID:
Inject. Date: 22-Dec-2012 09:24:22 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016087-037
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 37
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.757 | 9.759 | -0.002 | 1418046 | 9.23 | |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 105727048 | 777.3 | |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 119867350 | 829.9 | |

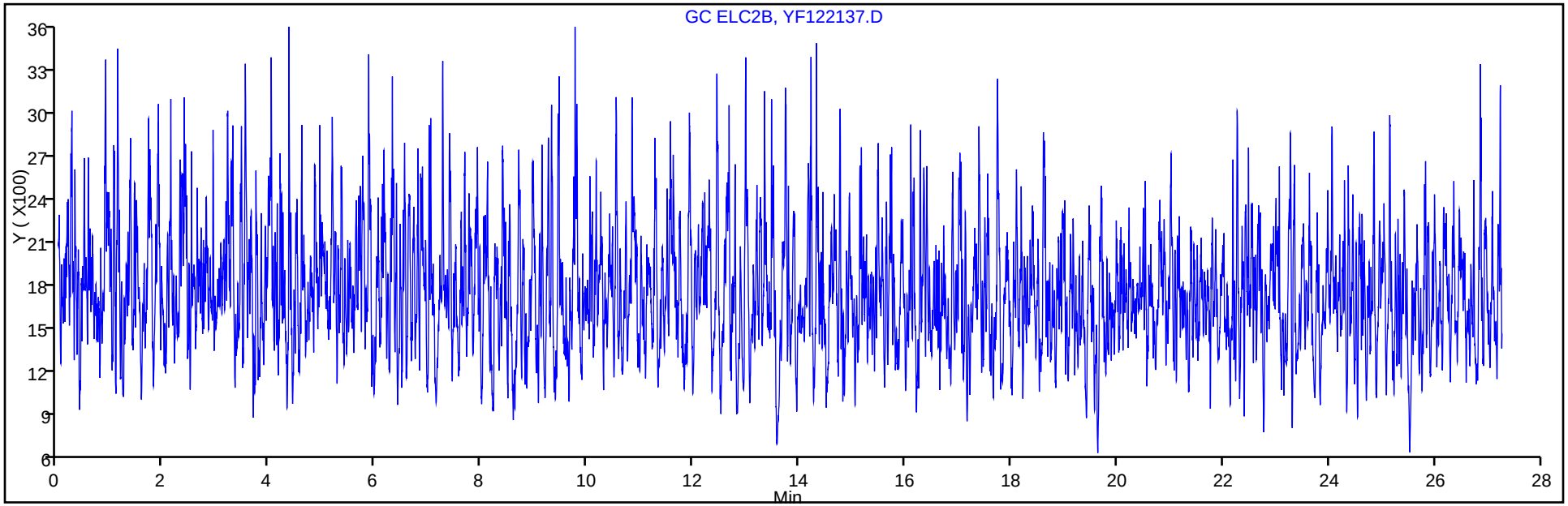
Report Date: 26-Dec-2012 15:23:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

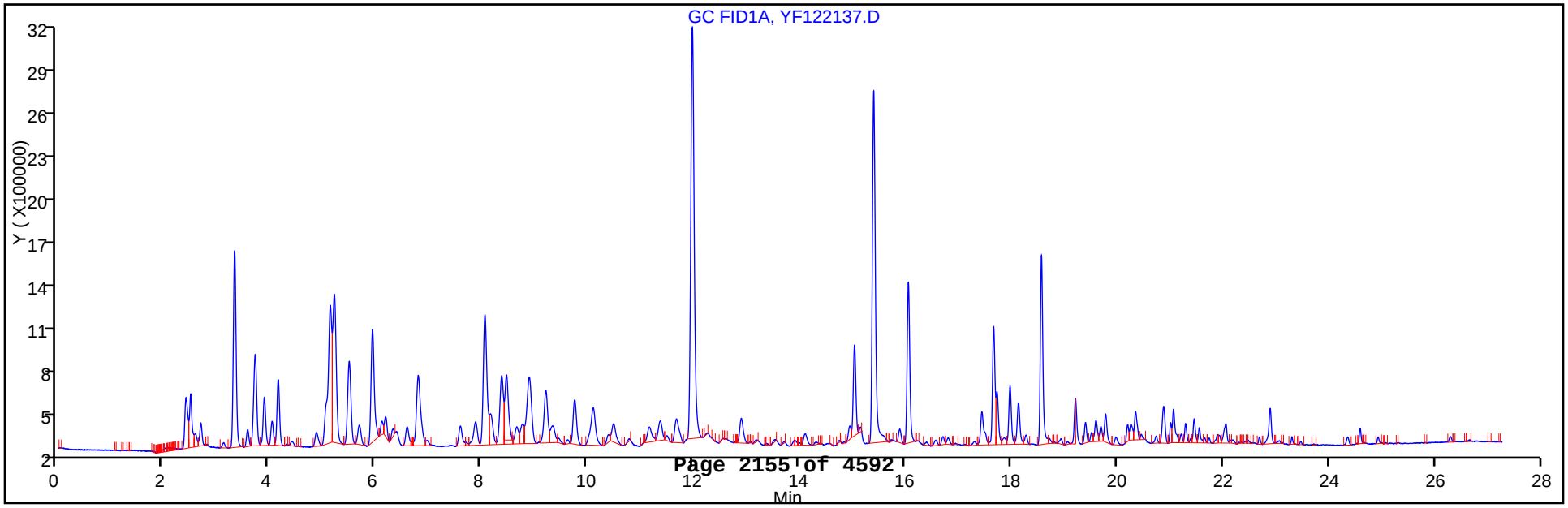
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| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 09:24:22 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 37 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69738/53

Matrix: Solid Lab File ID: YF122153.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/22/2012 19:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 965 | | 100 | 50 | 46 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 101 | | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122153.D
Lims ID: LCS Client ID:
Inject. Date: 22-Dec-2012 19:32:12 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016087-053
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 53
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.756 | 9.756 | 0.0 | 1548055 | 10.1 | |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 120387074 | 885.1 | |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 138265879 | 964.8 | |

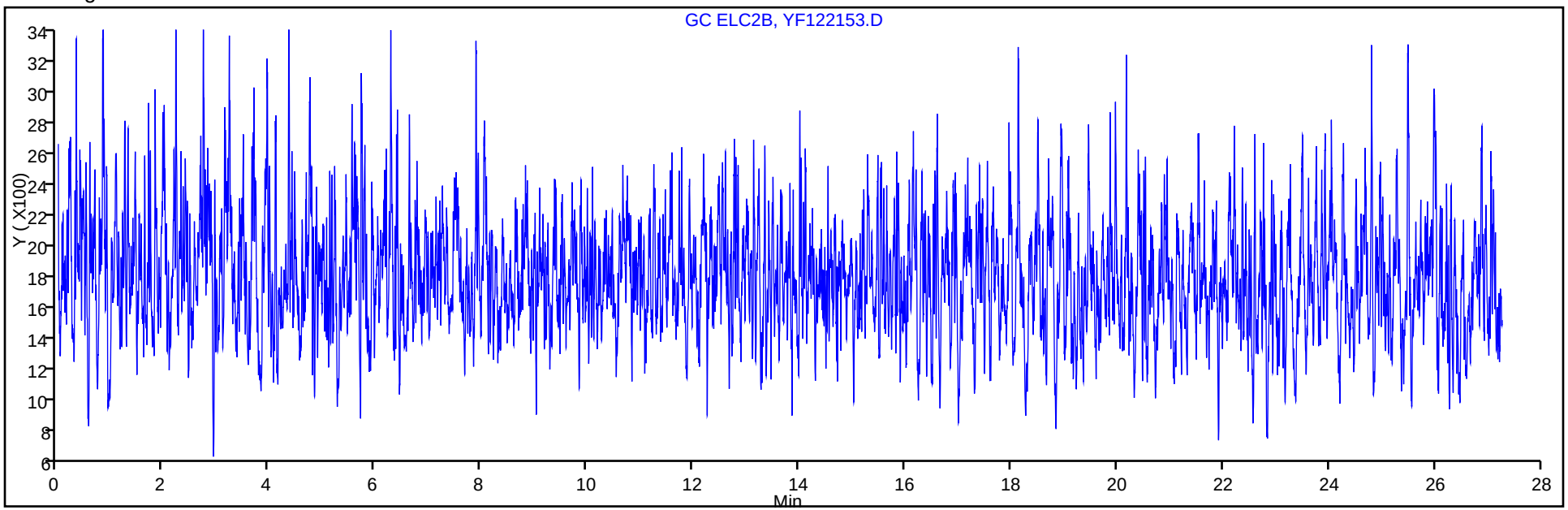
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TestAmerica Canton

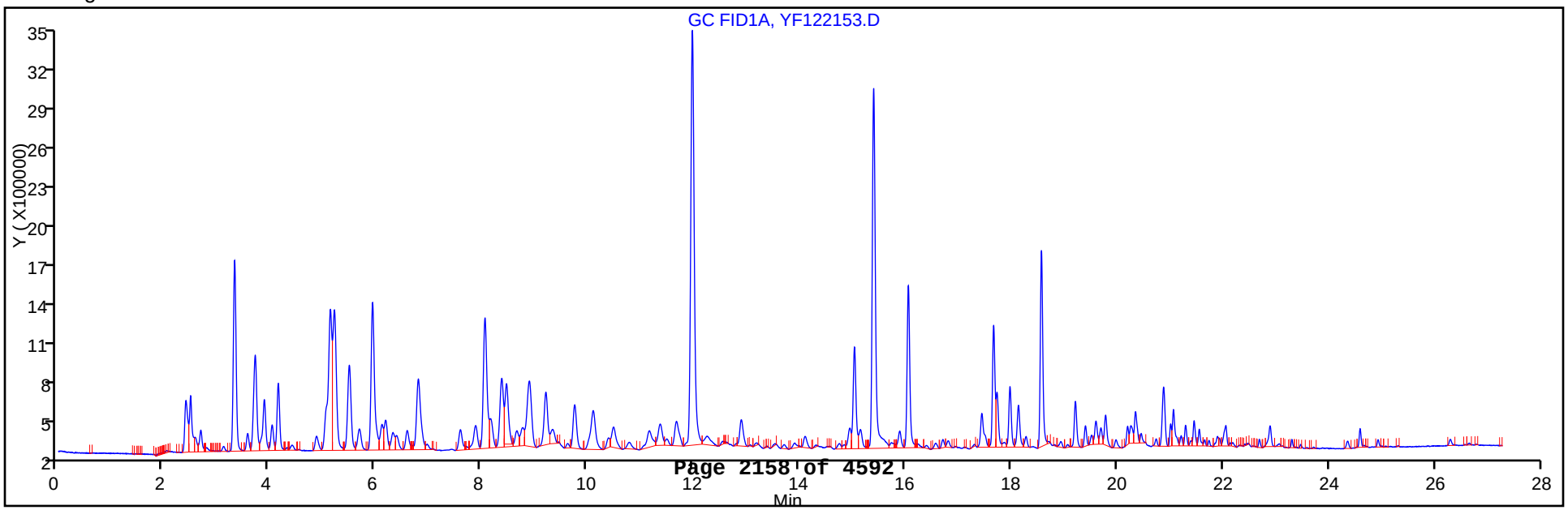
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122153.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 19:32:12 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 53 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69748/2-A

Matrix: Solid Lab File ID: YF122407.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 12/24/2012 11:43

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69965 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 47100 | | 5000 | 2500 | 1700 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 102 | | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122407.D | | |
| Lims ID: | LCS 240-69748/2-A | Client ID: | |
| Inject. Date: | 24-Dec-2012 11:43:31 | Dil. Factor: | 1.0000 |
| Sample Type: | LCS | | |
| Sample ID: | 240-0016140-007 | | |
| Misc. Info.: | | | |
| Operator: | 1765 | Instrument ID: | YPID |
| Purge Vol: | 5.000 mL | ALS Bottle#: | 1 |
| Lims Batch ID: | 69965 | Lims Sample ID: | 7 |
| Detector 1 : | GC ELC2B | | |
| Detector 2 : | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m | | |
| Last Update: | 28-Dec-2012 12:21:30 | Calib Date: | 27-Aug-2012 15:06:37 |
| Quant Method: | Internal/External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D | | |
| Limit Group: | GCV 8015B GRO ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK035 | | |

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.760 | 9.757 | 0.003 | 1572220 | 10.2 | |
| A 5 C6-C10 | 2 | 11.807 | 4.878 - | 18.735 | 118382969 | 870.3 | |
| A 1 C6-C12 | 2 | 13.487 | 4.978 - | 21.997 | 135177883 | 942.2 | |

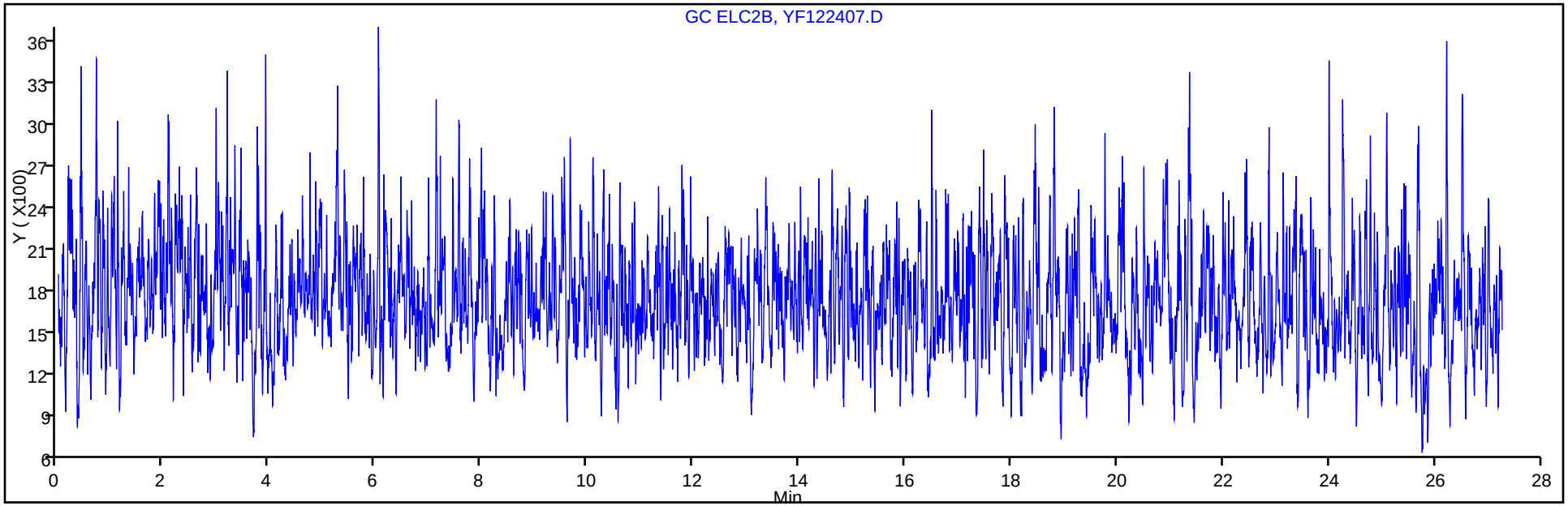
Report Date: 28-Dec-2012 12:21:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

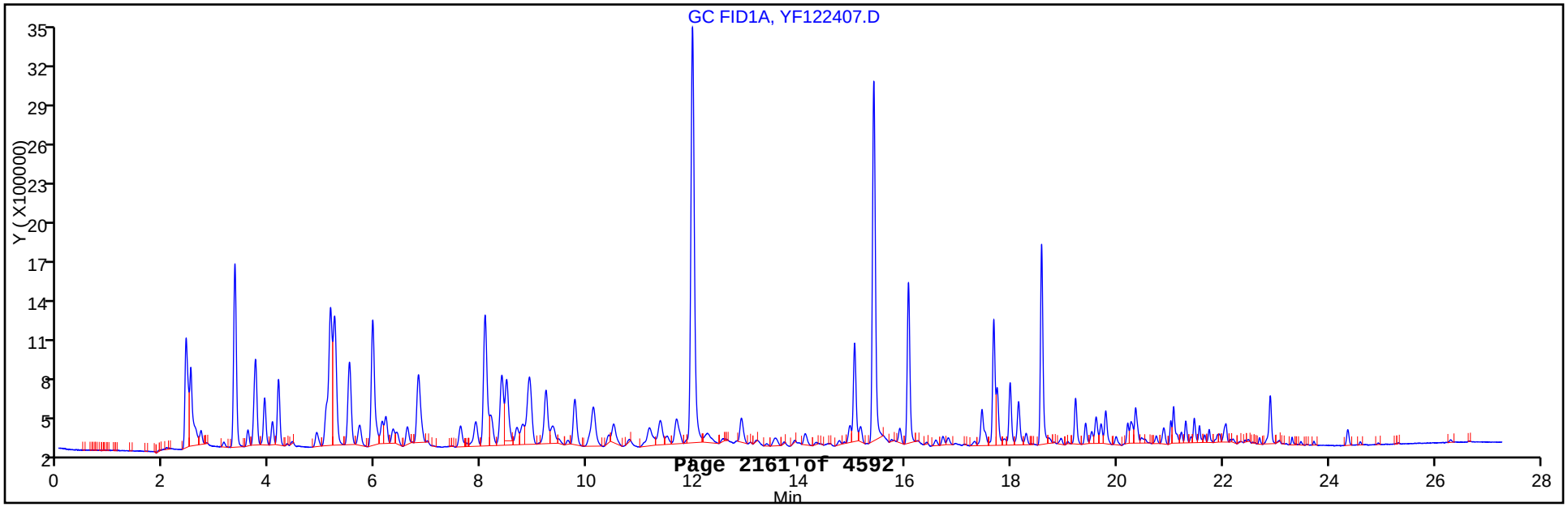
Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122407.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 11:43:31 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69965 | Lims Sample ID: | 7 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69738/35

Matrix: Water Lab File ID: YF122135.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 08:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 78.6 | J | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 85 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122135.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 08:08:28 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016087-035
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 35
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| S 17 Xylenes, Total | 1 | | 0.000 | | | | 7 |
| 6 2-Methylpentane | 2 | 5.140 | 5.137 | 0.003 | 303010 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.224 | 5.208 | 0.016 | 1326135 | 0 | |
| 3 Benzene | 1 | | 7.999 | | | | 1 |
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.757 | 9.759 | -0.002 | 1307279 | 8.50 | |
| $ 18 a,a,a-Trifluorotoluene (pid) | 1 | | 9.772 | | | | 1 |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 14478767 | 106.4 | |
| 8 Toluene | 1 | | 11.964 | | | | 1 |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 17415031 | 78.6 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 20949584 | 0 | |
| 13 Ethylbenzene | 1 | | 15.042 | | | | 1 |
| 2 m-Xylene & p-Xylene | 1 | | 15.410 | | | | 1 |
| 4 o-Xylene | 1 | | 16.061 | | | | 1 |
| 10 1,3,5-Trimethylbenzene | 1 | | 17.985 | | | | 1 |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.741 | 21.750 | -0.009 | 10337 | 0 | |
| 9 Naphthalene | 2 | 22.065 | 22.060 | 0.005 | 85261 | 0 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

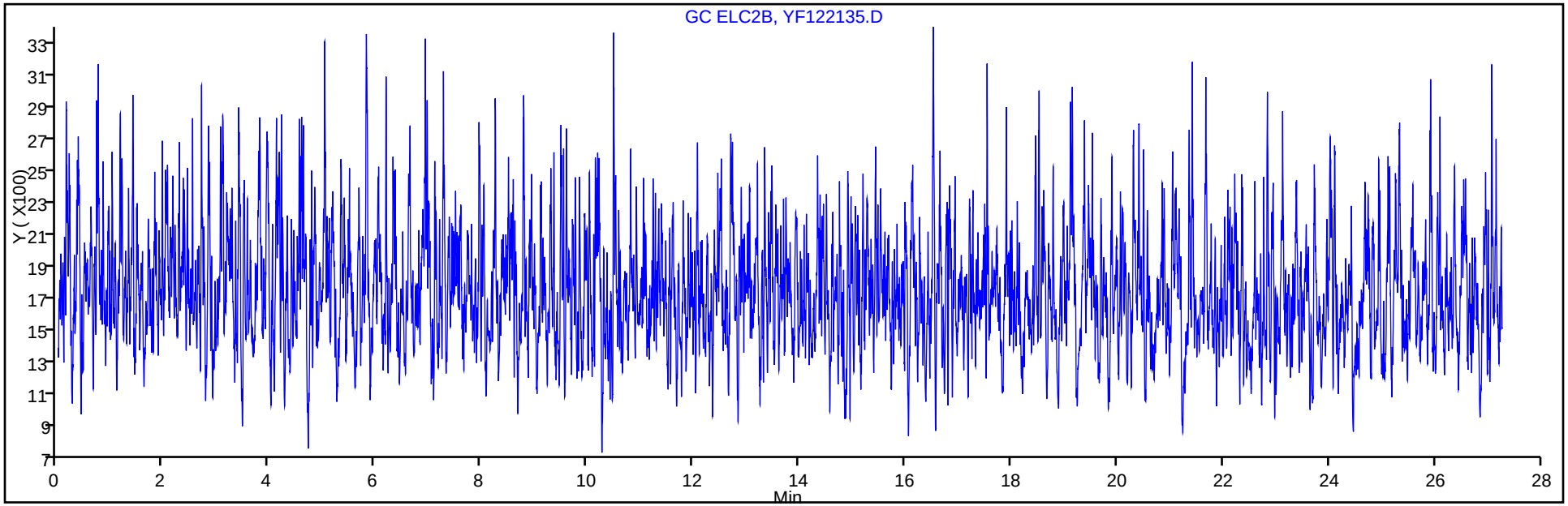
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TestAmerica Canton

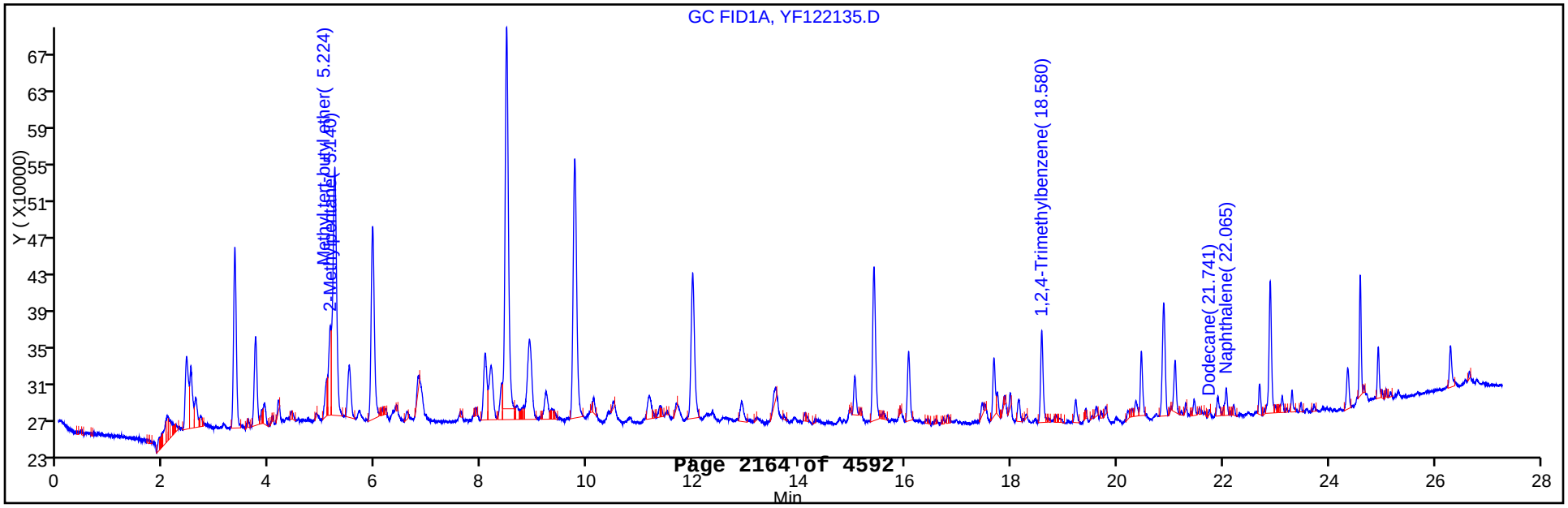
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122135.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 08:08:28 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 35 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69738/51

Matrix: Solid Lab File ID: YF122151.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 18:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 115 | | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 85 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122151.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 18:14:18 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016087-051
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 51
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| S 17 Xylenes, Total | 1 | | 0.000 | | | | 7 |
| 6 2-Methylpentane | 2 | 5.135 | 5.137 | -0.002 | 440596 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.215 | 5.208 | 0.007 | 1693127 | 0 | |
| 3 Benzene | 1 | | 7.999 | | | | 1 |
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.755 | 9.756 | -0.001 | 1313479 | 8.54 | |
| $ 18 a,a,a-Trifluorotoluene (pid) | 1 | | 9.772 | | | | 1 |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 17378842 | 127.8 | |
| 8 Toluene | 1 | | 11.964 | | | | 1 |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 22317143 | 114.5 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 25915619 | 0 | |
| 13 Ethylbenzene | 1 | | 15.042 | | | | 1 |
| 2 m-Xylene & p-Xylene | 1 | | 15.410 | | | | 1 |
| 4 o-Xylene | 1 | | 16.061 | | | | 1 |
| 10 1,3,5-Trimethylbenzene | 1 | | 17.985 | | | | 1 |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.737 | 21.750 | -0.013 | 10279 | 0 | |
| 9 Naphthalene | 2 | 22.059 | 22.060 | -0.001 | 30242 | 0 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

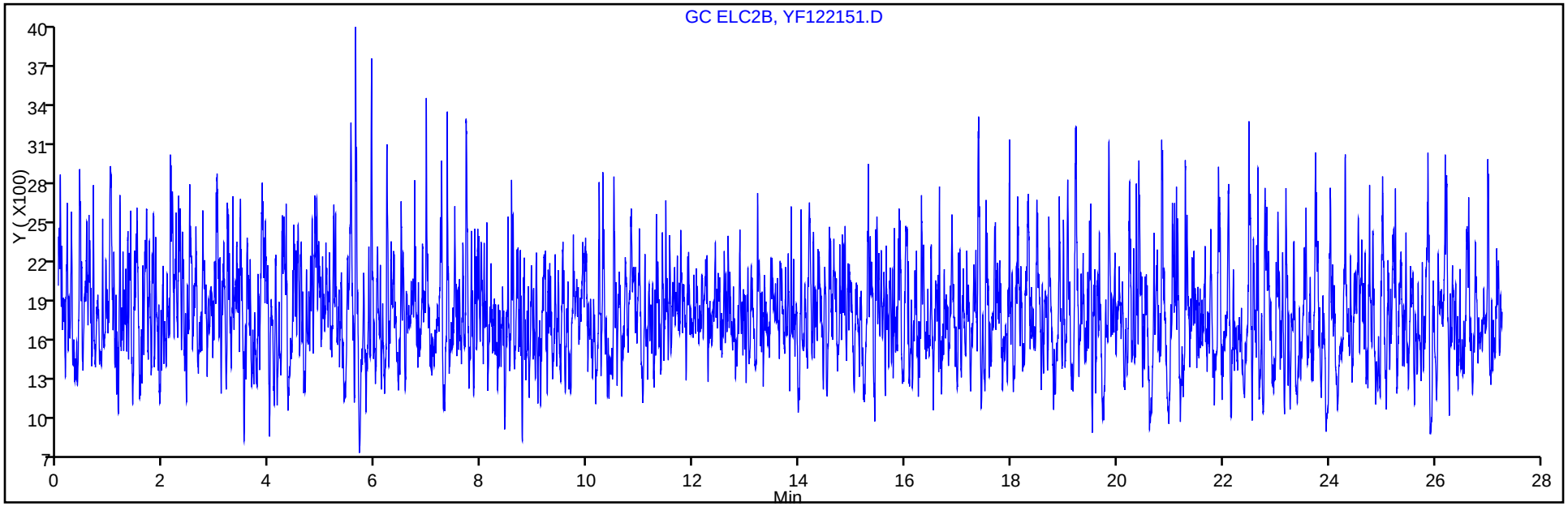
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TestAmerica Canton

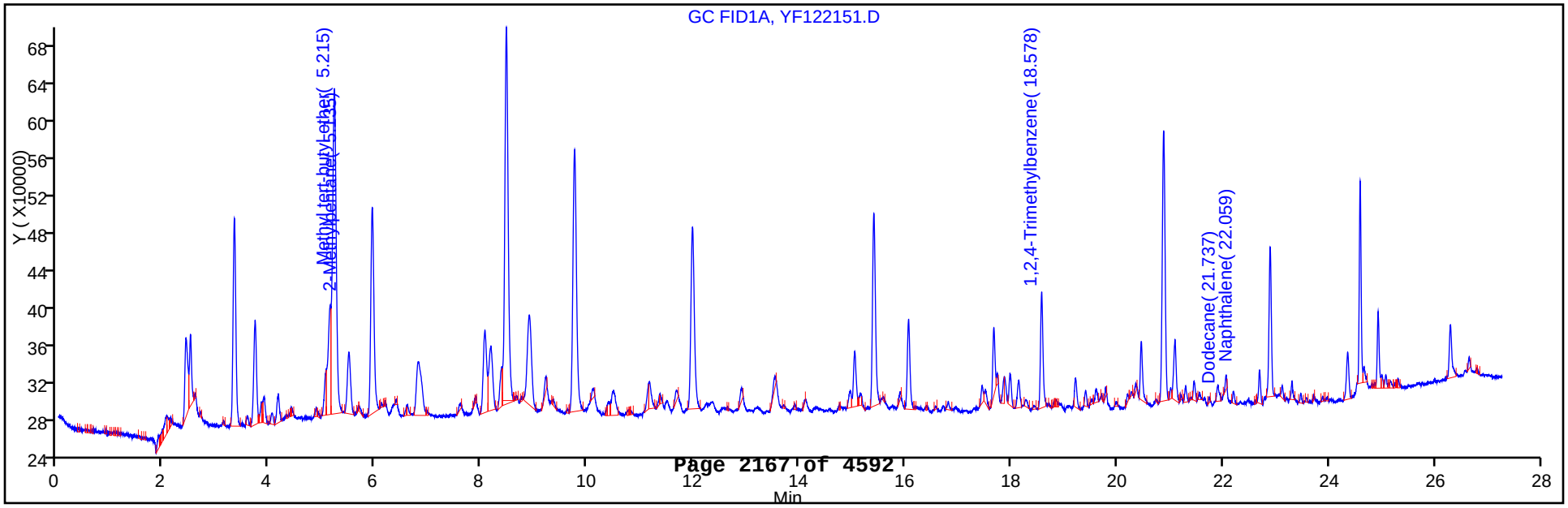
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122151.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 18:14:18 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 51 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69738/76

Matrix: Solid Lab File ID: YF122176.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/23/2012 10:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 83.6 | J | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 84 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122176.D
Lims ID: MRL Client ID:
Inject. Date: 23-Dec-2012 10:05:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016087-076
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 76
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:24:04 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| S 17 Xylenes, Total | 1 | | 0.000 | | | | 7 |
| 6 2-Methylpentane | 2 | 5.137 | 5.137 | 0.0 | 476955 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.217 | 5.208 | 0.009 | 1313104 | 0 | |
| 3 Benzene | 1 | | 7.999 | | | | 1 |
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.754 | 9.757 | -0.003 | 1294072 | 8.42 | |
| $ 18 a,a,a-Trifluorotoluene (pid) | 1 | | 9.772 | | | | 1 |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 14484505 | 106.5 | |
| 8 Toluene | 1 | | 11.964 | | | | 1 |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 18102458 | 83.6 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 21619863 | 0 | |
| 13 Ethylbenzene | 1 | | 15.042 | | | | 1 |
| 2 m-Xylene & p-Xylene | 1 | | 15.410 | | | | 1 |
| 4 o-Xylene | 1 | | 16.061 | | | | 1 |
| 10 1,3,5-Trimethylbenzene | 1 | | 17.985 | | | | 1 |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.744 | 21.750 | -0.006 | 13448 | 0 | |
| 9 Naphthalene | 2 | 22.062 | 22.060 | 0.002 | 103786 | 0 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

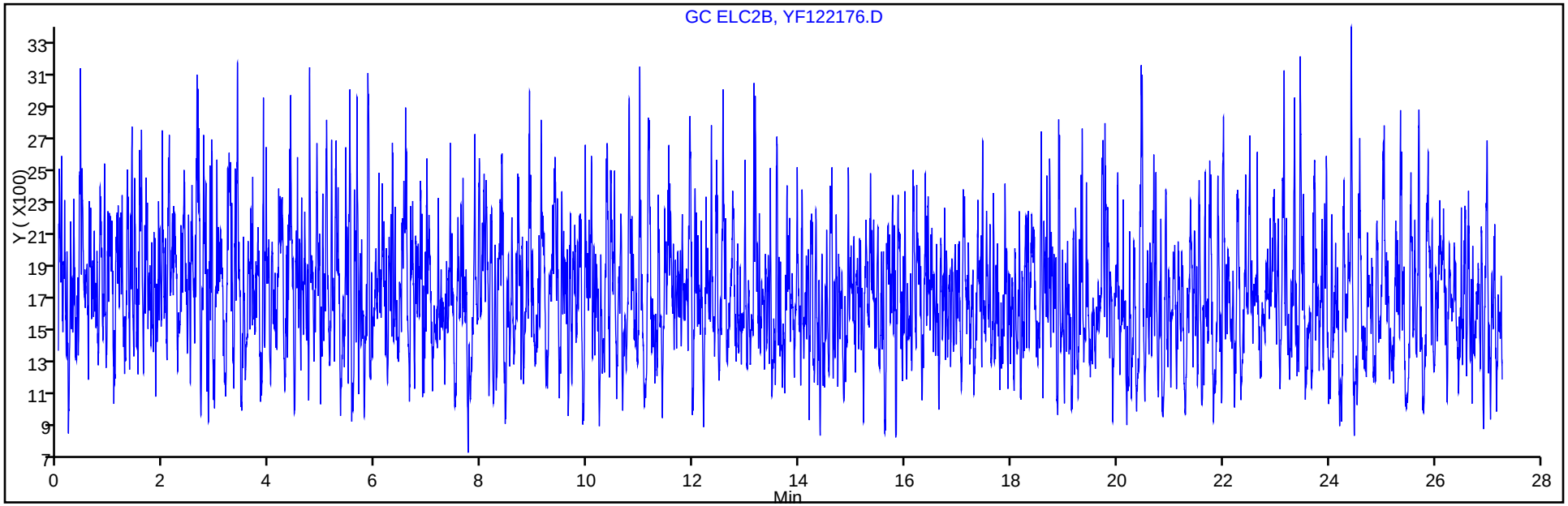
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TestAmerica Canton

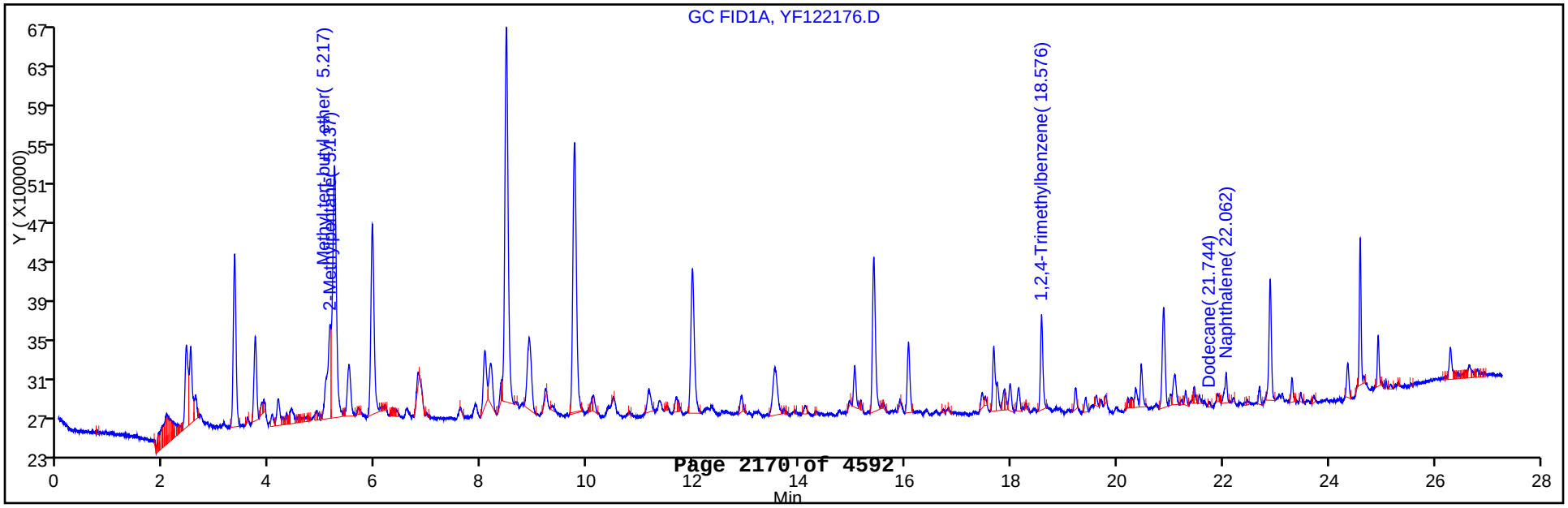
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| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 10:05:10 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 76 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69965/5

Matrix: Solid Lab File ID: YF122405.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/24/2012 10:26

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69965 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 147 | ^ | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 85 | | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122405.D
Lims ID: MRL
Client ID:
Inject. Date: 24-Dec-2012 10:26:20
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016140-005
Misc. Info.:
Operator: 1765
Instrument ID: YPID
Purge Vol: 5.000 mL
ALS Bottle#: 1
Lims Batch ID: 69965
Lims Sample ID: 5
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m
Last Update: 28-Dec-2012 12:21:30
Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK035

First Level Reviewer: bolgrind
Date: 24-Dec-2012 11:27:00

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 6 2-Methylpentane | 2 | 5.144 | 5.140 | 0.004 | 647282 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.226 | 5.208 | 0.018 | 1757527 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.755 | 9.757 | -0.002 | 1313891 | 8.55 | |
| A 5 C6-C10 | 2 | 11.807 | 4.878 - | 18.735 | 22059597 | 162.2 | |
| A 1 C6-C12 | 2 | 13.487 | 4.978 - | 21.997 | 26795489 | 147.4 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 28579385 | 0 | |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.741 | 21.744 | -0.003 | 599172 | 0 | |
| 9 Naphthalene | 2 | 22.060 | 22.060 | 0.0 | 101065 | 0 | |

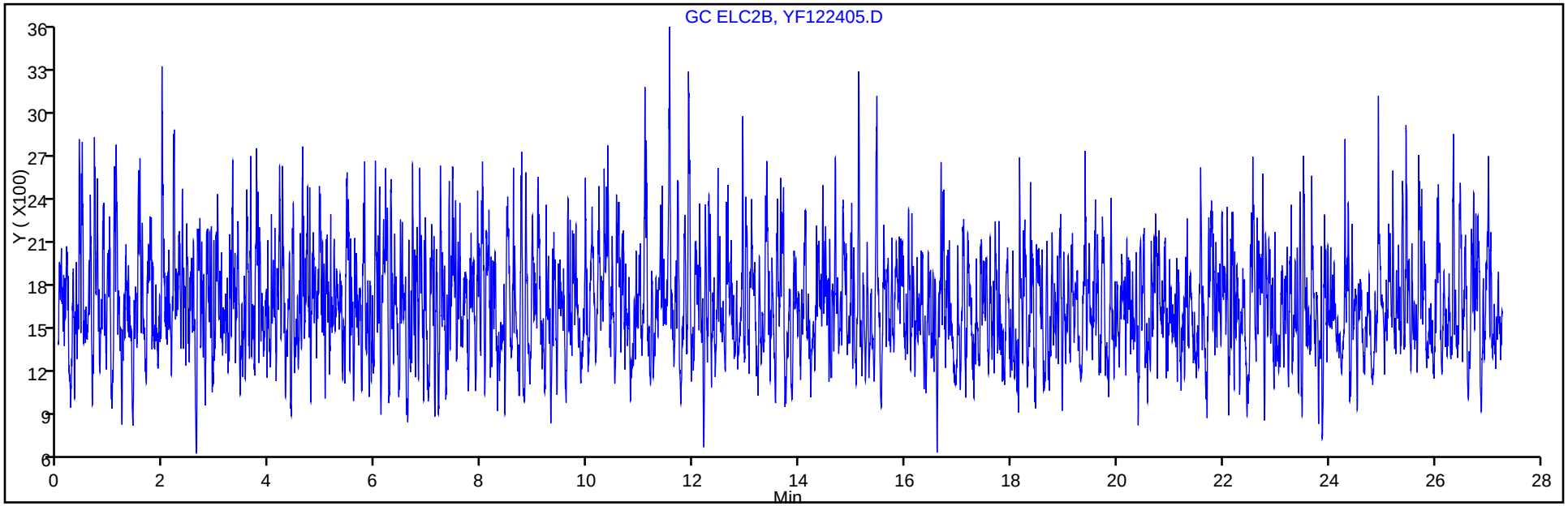
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TestAmerica Canton

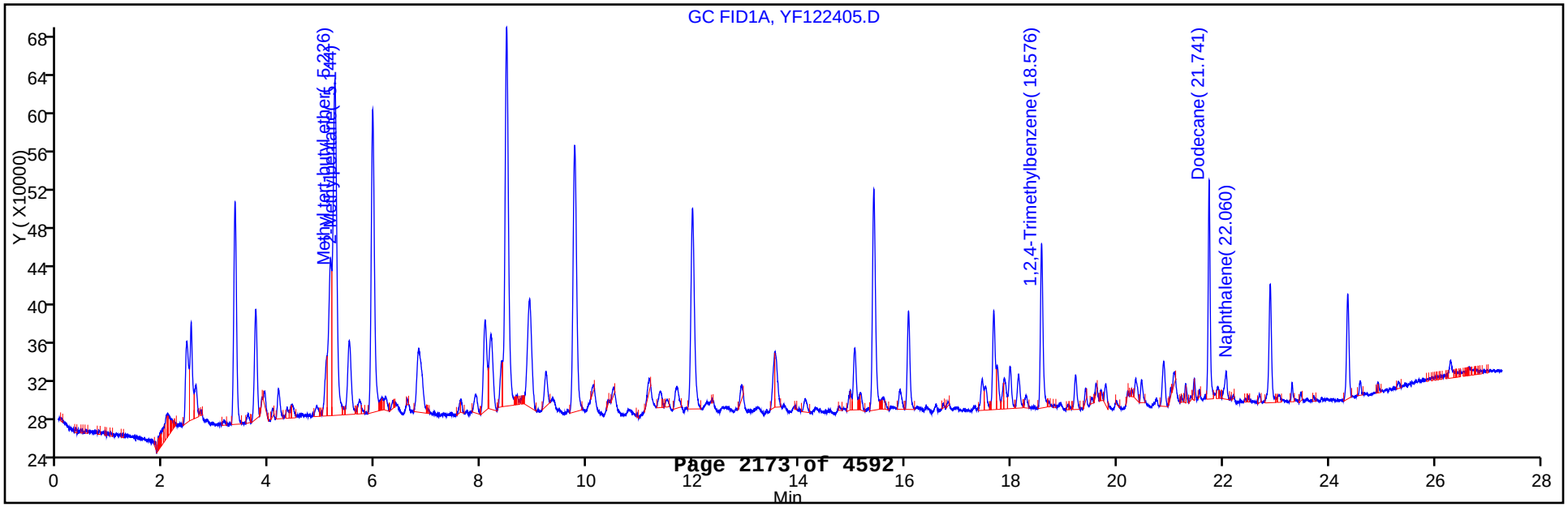
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| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 10:26:20 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69965 | Lims Sample ID: | 5 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69965/15

Matrix: Solid Lab File ID: YF122415.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/24/2012 16:43

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69965 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 118 | | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 5 | Q | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122415.D
Lims ID: MRL Client ID:
Inject. Date: 24-Dec-2012 16:43:50 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016140-015
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69965 Lims Sample ID: 15
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m
Last Update: 28-Dec-2012 12:21:42 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 6 2-Methylpentane | 2 | 5.143 | 5.140 | 0.003 | 492610 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.223 | 5.208 | 0.015 | 1487844 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.766 | 9.761 | 0.005 | 81819 | 0.5323 | |
| A 5 C6-C10 | 2 | 11.807 | 4.878 - | 18.735 | 18840958 | 138.5 | |
| A 1 C6-C12 | 2 | 13.487 | 4.978 - | 21.997 | 22746531 | 117.7 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 23267525 | 0 | |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.745 | 21.744 | 0.001 | 190686 | 0 | |
| 9 Naphthalene | 2 | 22.066 | 22.060 | 0.006 | 91876 | 0 | |

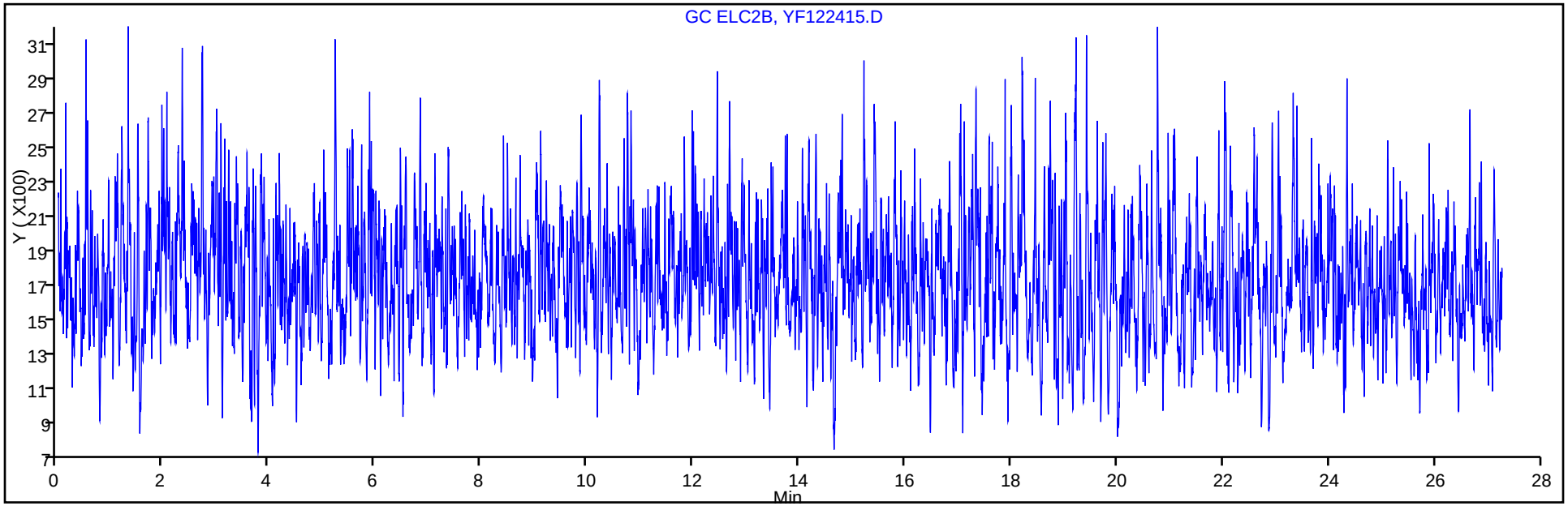
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TestAmerica Canton

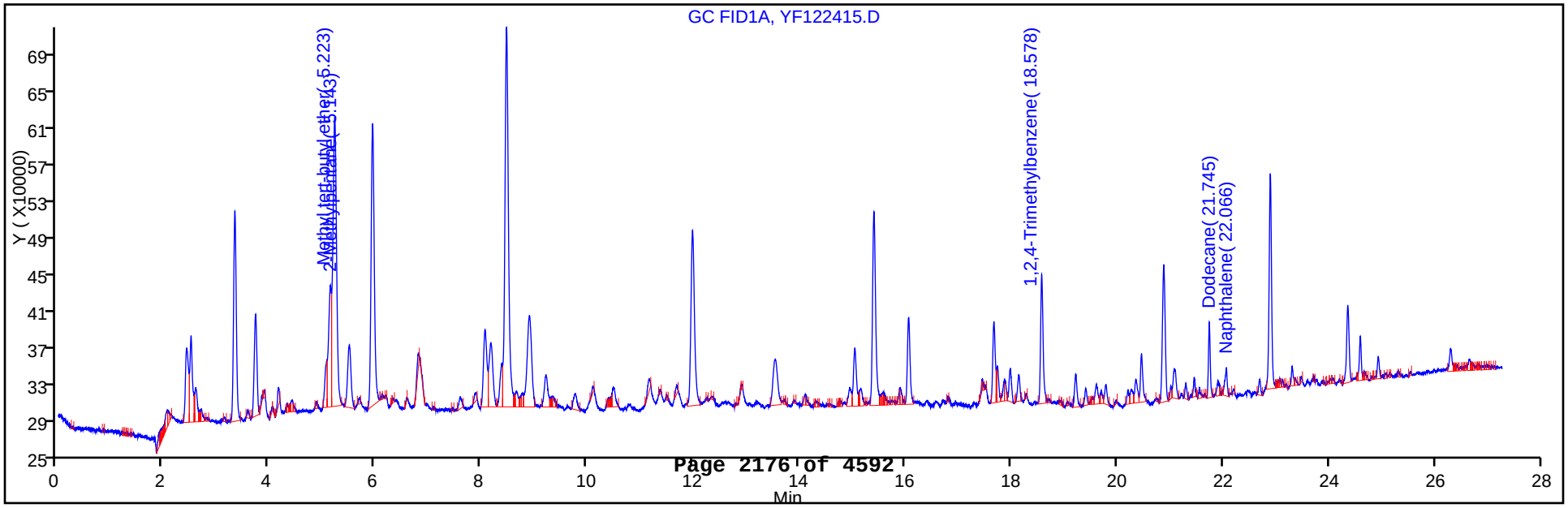
Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122415.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 16:43:50 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69965 | Lims Sample ID: | 15 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-70834/28

Matrix: Solid Lab File ID: YF010228.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/03/2013 03:04

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 70834 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 133 | ^ | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 77 | | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20130102-16337.b\YF010228.D
Lims ID: MRL Client ID:
Inject. Date: 03-Jan-2013 03:04:01 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016337-028
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 70834 Lims Sample ID: 28
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20130102-16337.b\Y80158021.m
Last Update: 03-Jan-2013 15:31:50 Calib Date: 28-Dec-2012 14:47:21
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

| Compound | Det | RT | EXP RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 6 2-Methylpentane | 2 | 5.138 | 5.142 | -0.004 | 696384 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.221 | 5.208 | 0.013 | 1379794 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.753 | 9.760 | -0.007 | 1023501 | 7.67 | |
| A 5 C6-C10 | 2 | 11.916 | 5.011 - | 18.821 | 17057185 | 118.8 | |
| A 1 C6-C12 | 2 | 13.502 | 5.011 - | 21.994 | 21605953 | 132.7 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 23211186 | 0 | |
| 7 1,2,4-Trimethylbenzene | 2 | 18.575 | 18.573 | 0.002 | 389887 | 0 | |
| 14 Dodecane | 2 | 21.741 | 21.740 | 0.001 | 140379 | 0 | |
| 9 Naphthalene | 2 | 22.061 | 22.060 | 0.001 | 120060 | 0 | |

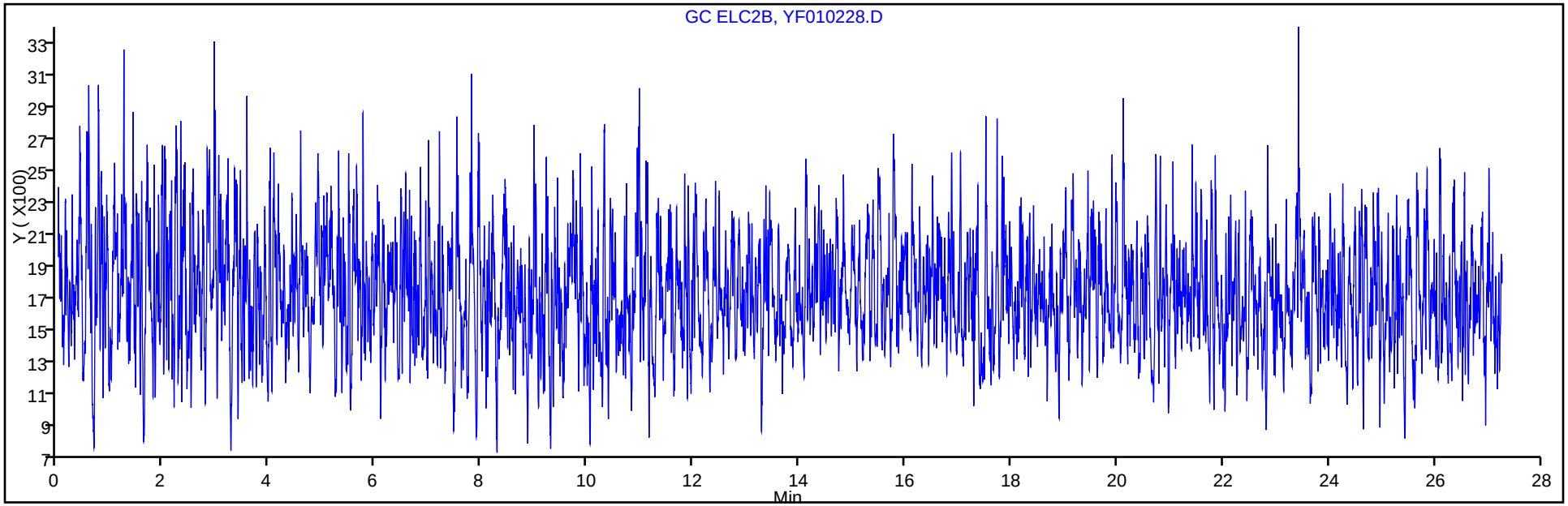
Report Date: 03-Jan-2013 15:31:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

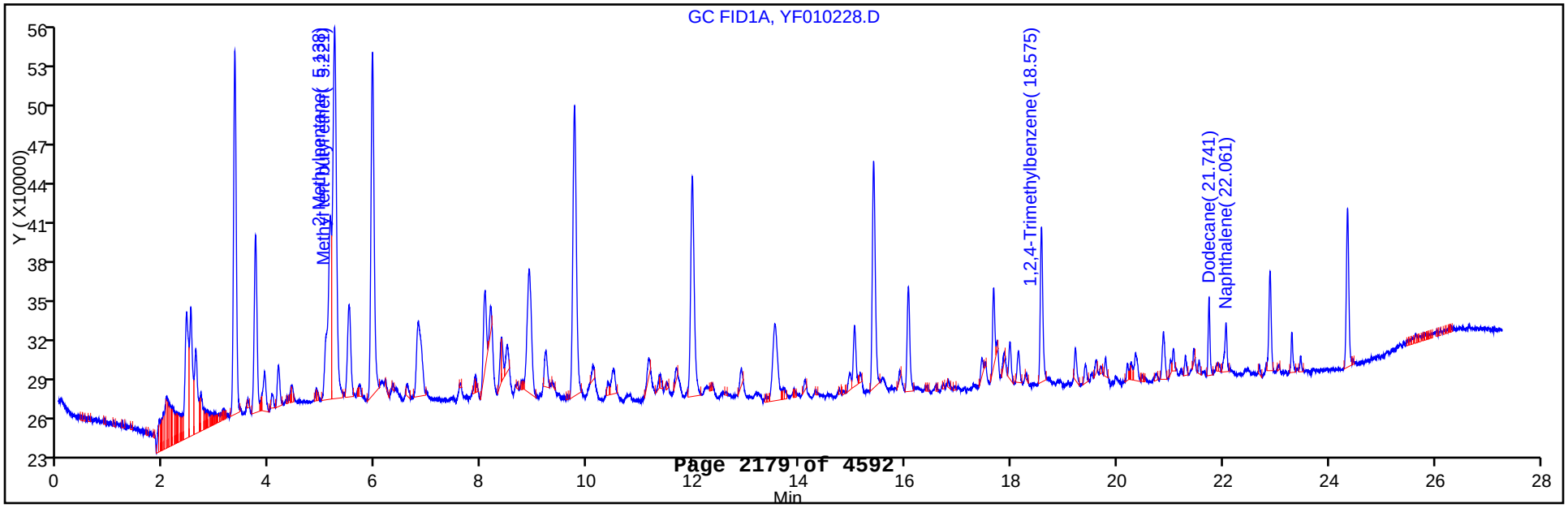
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| | | | |
|---|---|---|---|
| Injection Date: | 03-Jan-2013 03:04:01 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 70834 | Lims Sample ID: | 28 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-70834/33

Matrix: Solid Lab File ID: YF010233.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/03/2013 06:13

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 70834 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 125 | | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 0 | Q | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20130102-16337.b\YF010233.D
Lims ID: MRL Client ID:
Inject. Date: 03-Jan-2013 06:13:24 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016337-033
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 70834 Lims Sample ID: 33
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20130102-16337.b\Y80158021.m
Last Update: 03-Jan-2013 15:31:58 Calib Date: 28-Dec-2012 14:47:21
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

| Compound | Det | RT | EXP RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 6 2-Methylpentane | 2 | 5.137 | 5.142 | -0.005 | 555529 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.221 | 5.208 | 0.013 | 1353256 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | | 9.761 | | | | |
| A 5 C6-C10 | 2 | 11.916 | 5.011 - | 18.821 | 15815268 | 110.2 | |
| A 1 C6-C12 | 2 | 13.502 | 5.011 - | 21.994 | 20397842 | 125.2 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 21206672 | 0 | |
| 7 1,2,4-Trimethylbenzene | 2 | 18.574 | 18.573 | 0.001 | 387812 | 0 | |
| 14 Dodecane | 2 | 21.741 | 21.740 | 0.001 | 72233 | 0 | |
| 9 Naphthalene | 2 | 22.058 | 22.060 | -0.002 | 120113 | 0 | |

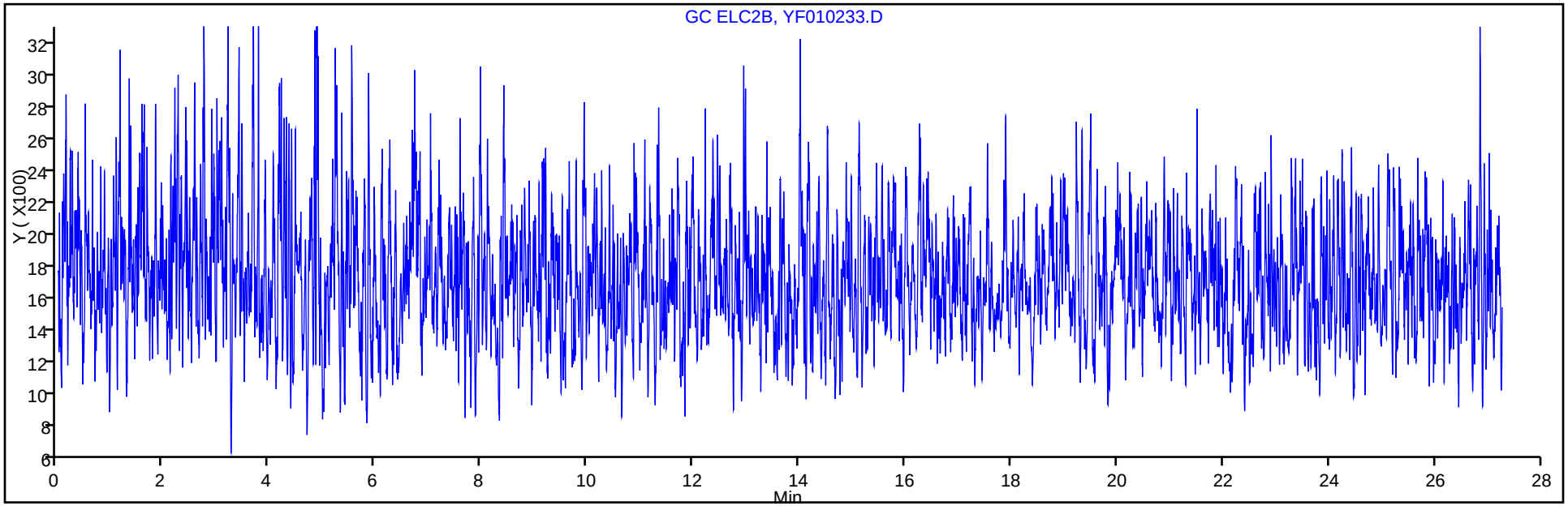
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TestAmerica Canton

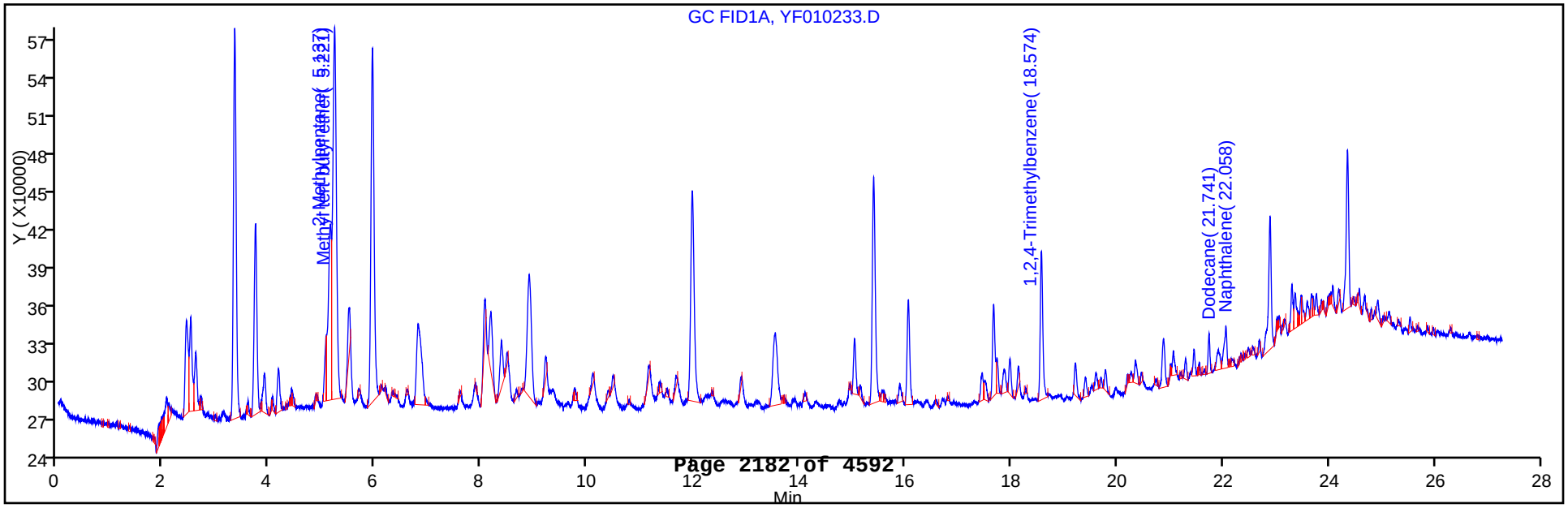
Data File: \\Ncchrom\ChromData\YPID\20130102-16337.b\YF010233.D

| | | | |
|---|---|---|---|
| Injection Date: | 03-Jan-2013 06:13:24 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 70834 | Lims Sample ID: | 33 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER MS Lab Sample ID: 240-18703-24 MS

Matrix: Water Lab File ID: YF122142.D

Analysis Method: 8015B Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 12:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 846 | | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 88 | | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122142.D
Lims ID: 240-18703-B-24 MS Client ID:
Inject. Date: 22-Dec-2012 12:32:39 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016087-042
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 42
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| S 17 Xylenes, Total | 1 | | 0.000 | | | | 7 |
| 6 2-Methylpentane | 2 | 5.141 | 5.137 | 0.004 | 4868367 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.216 | 5.208 | 0.008 | 4542942 | 0 | |
| 3 Benzene | 1 | | 7.999 | | | | 1 |
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.757 | 9.759 | -0.002 | 1346228 | 8.76 | |
| $ 18 a,a,a-Trifluorotoluene (pid) | 1 | | 9.772 | | | | 1 |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 106989338 | 786.6 | |
| 8 Toluene | 1 | | 11.964 | | | | 1 |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 122097821 | 846.2 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 127125984 | 0 | |
| 13 Ethylbenzene | 1 | | 15.042 | | | | 1 |
| 2 m-Xylene & p-Xylene | 1 | | 15.410 | | | | 1 |
| 4 o-Xylene | 1 | | 16.061 | | | | 1 |
| 10 1,3,5-Trimethylbenzene | 1 | | 17.985 | | | | 1 |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.744 | 21.750 | -0.006 | 75381 | 0 | |
| 9 Naphthalene | 2 | 22.058 | 22.060 | -0.002 | 464993 | 0 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

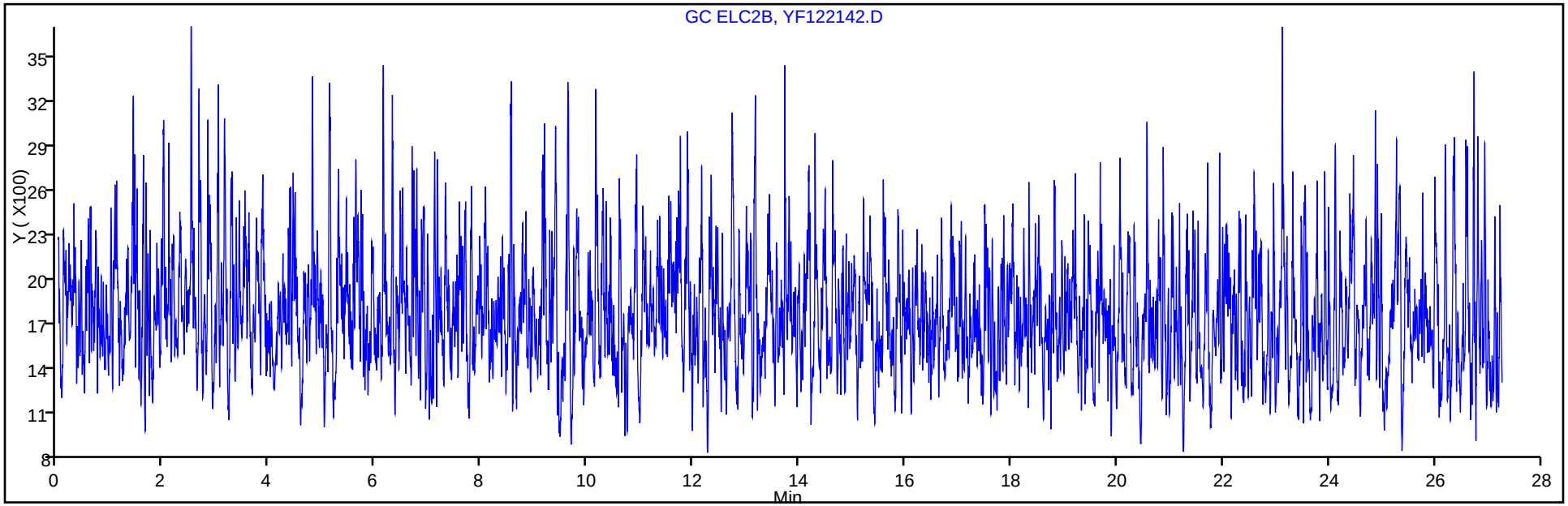
Report Date: 26-Dec-2012 15:23:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

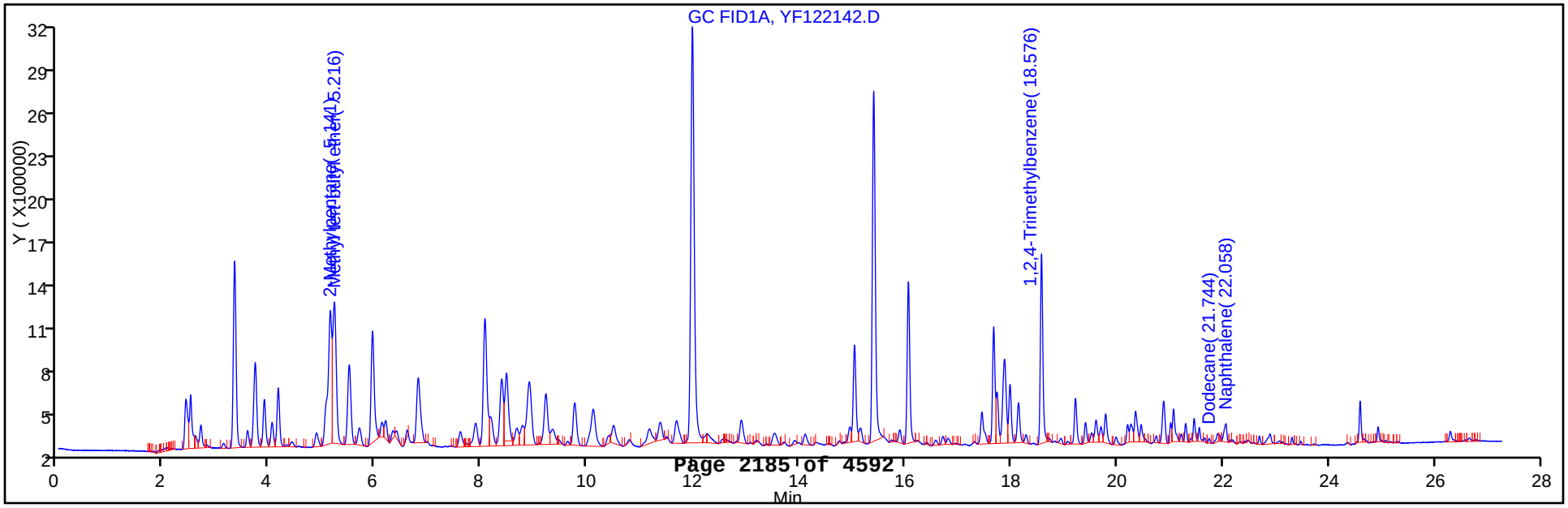
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122142.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 12:32:39 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 42 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER MSD Lab Sample ID: 240-18703-24 MSD

Matrix: Water Lab File ID: YF122143.D

Analysis Method: 8015B Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00061 | C6-C12 | 864 | | 100 | 50 | 25 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 98-08-8 | Trifluorotoluene (Surr) | 88 | M | 10-150 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122143.D
Lims ID: 240-18703-B-24 MSD Client ID:
Inject. Date: 22-Dec-2012 13:10:02 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016087-043
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 43
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: bosworthh Date: 24-Dec-2012 06:46:10

| Compound | Det | RT | ADJ RT | DLT RT | Response | On-Col Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| S 17 Xylenes, Total | 1 | | 0.000 | | | | 7 |
| 6 2-Methylpentane | 2 | 5.145 | 5.137 | 0.008 | 5225393 | 0 | |
| 12 Methyl tert-butyl ether | 2 | 5.221 | 5.208 | 0.013 | 4906760 | 0 | |
| 3 Benzene | 1 | | 7.999 | | | | 1 |
| * 15 Fluorobenzene | 1 | 0.000 | 8.418 | -8.418 | 0 | 0 | |
| $ 16 Trifluorotoluene (Surr) | 2 | 9.757 | 9.759 | -0.002 | 1355288 | 8.82 | M |
| $ 18 a,a,a-Trifluorotoluene (pid) | 1 | | 9.772 | | | | 1 |
| A 5 C6-C10 | 2 | 11.831 | 4.901 - | 18.760 | 108729391 | 799.4 | |
| 8 Toluene | 1 | | 11.964 | | | | 1 |
| A 1 C6-C12 | 2 | 13.461 | 5.001 - | 21.920 | 124509129 | 863.9 | |
| A 11 GRO | 2 | 13.655 | 4.996 - | 22.314 | 129688994 | 0 | |
| 13 Ethylbenzene | 1 | | 15.042 | | | | 1 |
| 2 m-Xylene & p-Xylene | 1 | | 15.410 | | | | 1 |
| 4 o-Xylene | 1 | | 16.061 | | | | 1 |
| 10 1,3,5-Trimethylbenzene | 1 | | 17.985 | | | | 1 |
| 7 1,2,4-Trimethylbenzene | 1 | 0.000 | 18.579 | -18.579 | 0 | 0 | |
| 14 Dodecane | 2 | 21.746 | 21.750 | -0.004 | 71313 | 0 | |
| 9 Naphthalene | 2 | 22.060 | 22.060 | 0.0 | 536053 | 0 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

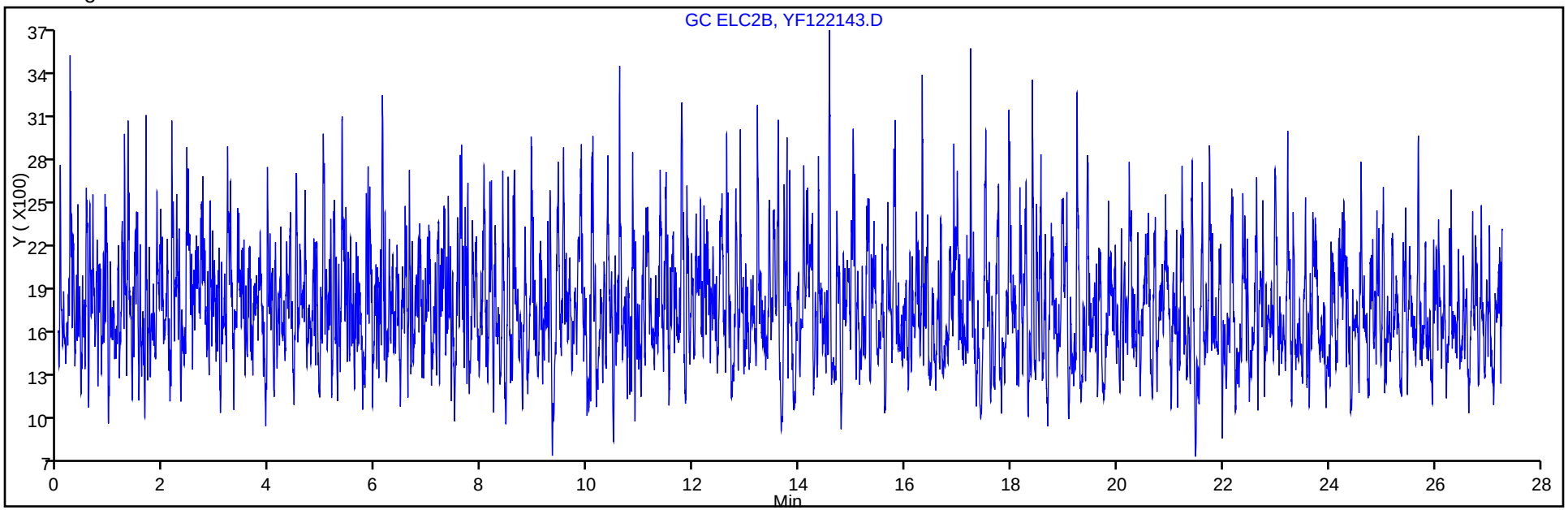
Report Date: 26-Dec-2012 15:23:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

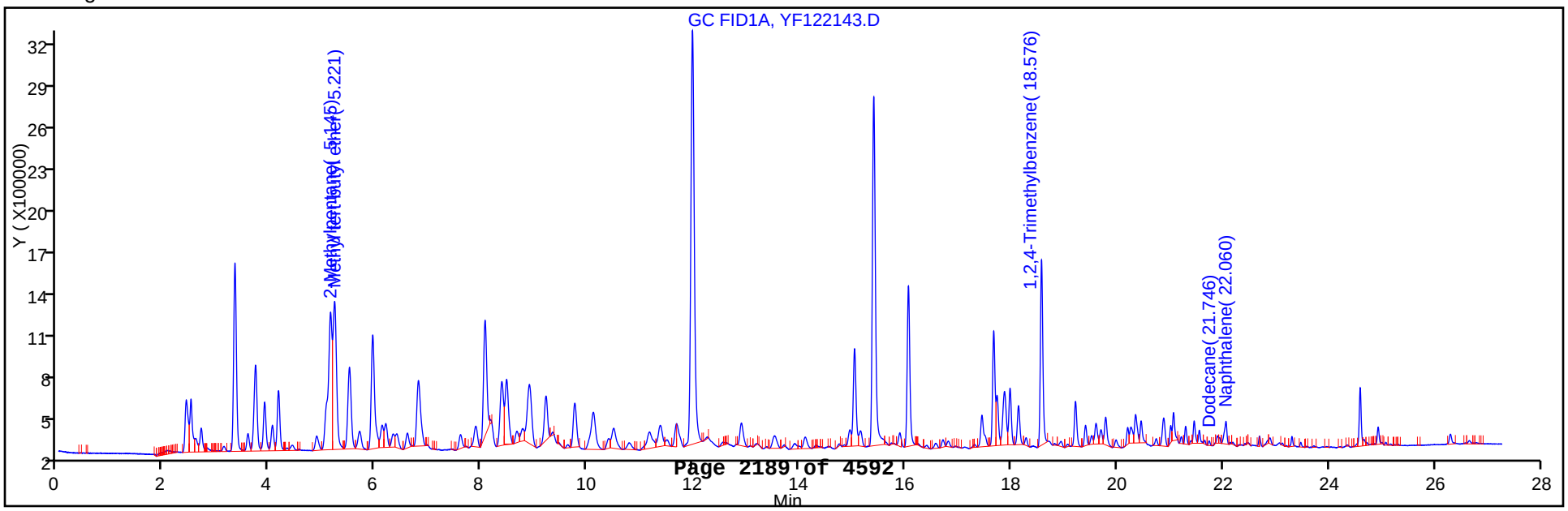
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122143.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 13:10:02 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 43 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

Y Scaling:




Y Scaling:



Manual Integration/User Assign Peak Report

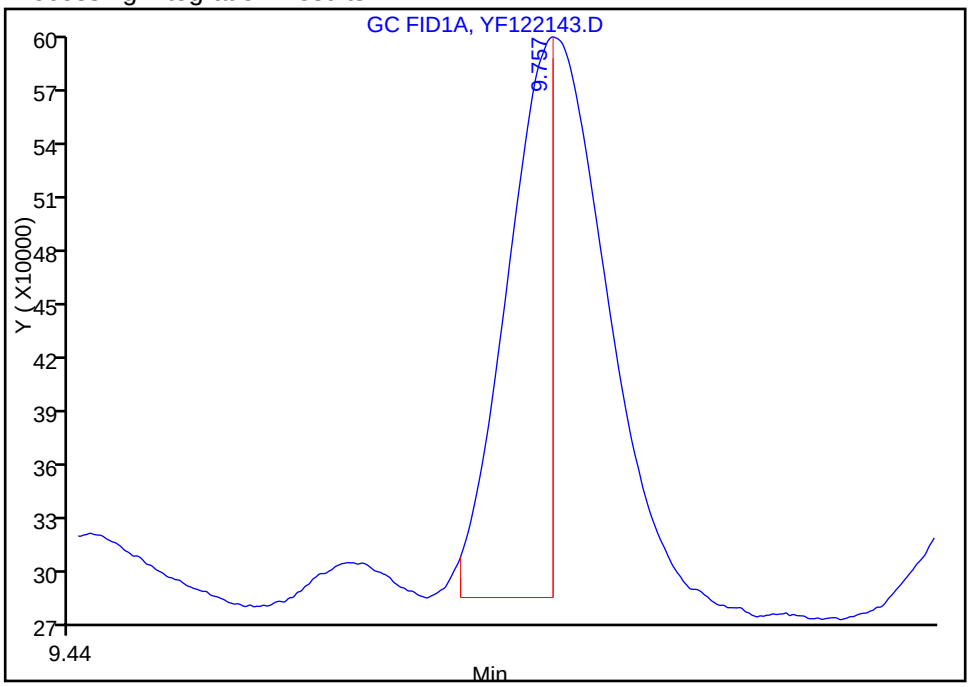
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122143.D | | |
| Injection Date: | 22-Dec-2012 13:10:02 | Limit Group: | GCV 8015B GRO ICAL |
| Client ID: | | Instrument ID: | YPID |
| Lims Batch ID: | 69738 | Lims Sample ID: | 43 |
| Operator ID: | 1765 | Purge Vol: | 5.000 mL |
| Column Type: | | Column Dia: | |

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.76, Det: GC FID1A

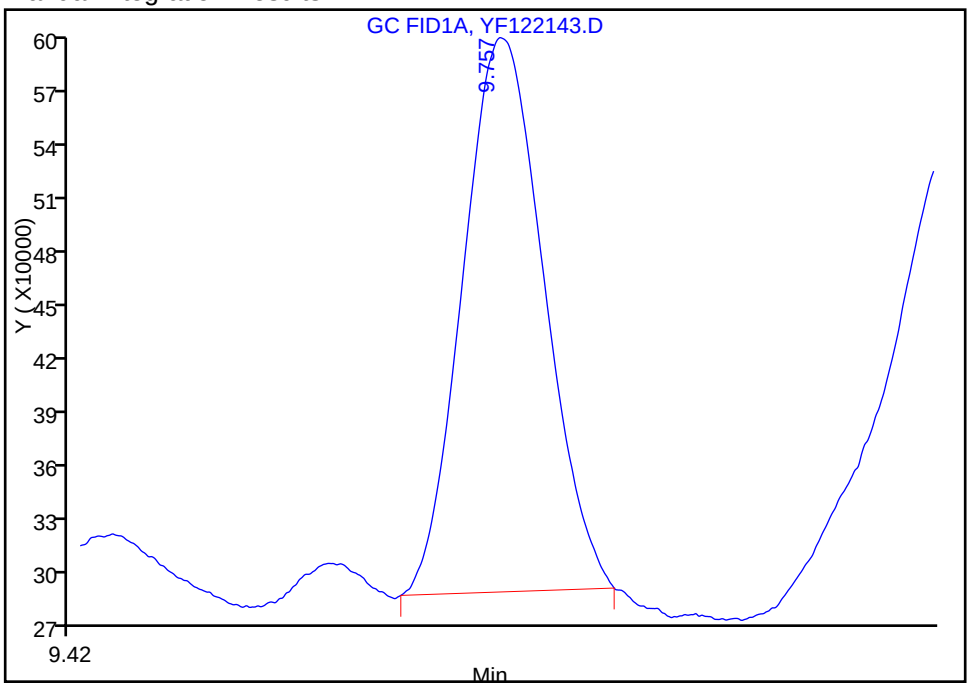
Processing Integration Results

RT: 9.76
Response: 628074
Amount: 4.085945




Manual Integration Results

RT: 9.76
Response: 1355288
Amount: 8.816846




Reviewer: bosworthh, 24-Dec-2012 06:46:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Start Date: 08/15/2012 17:16

Analysis Batch Number: 54511 End Date: 08/16/2012 06:06

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 08/15/2012 17:16 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/15/2012 17:57 | 1 | | RTX-VRX 0.45(mm) |
| STD1 240-54511/6 IC | | 08/15/2012 18:36 | 1 | YF081506.D | RTX-VRX 0.45(mm) |
| STD2 240-54511/7 IC | | 08/15/2012 19:17 | 1 | YF081507.D | RTX-VRX 0.45(mm) |
| STD3 240-54511/8 IC | | 08/15/2012 19:58 | 1 | YF081508.D | RTX-VRX 0.45(mm) |
| STD4 240-54511/9 ICRT | | 08/15/2012 20:39 | 1 | YF081509.D | RTX-VRX 0.45(mm) |
| STD5 240-54511/10 IC | | 08/15/2012 21:19 | 1 | YF081510.D | RTX-VRX 0.45(mm) |
| STD6 240-54511/11 IC | | 08/15/2012 22:00 | 1 | YF081511.D | RTX-VRX 0.45(mm) |
| ICV 240-54511/12 | | 08/15/2012 22:40 | 1 | YF081512.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/15/2012 23:21 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 00:02 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 00:42 | 200 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 01:23 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 02:03 | 100 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 02:43 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 03:24 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 04:05 | 1000 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 04:45 | 5 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 08/16/2012 05:26 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-54511/23 | | 08/16/2012 06:06 | 1 | | RTX-VRX 0.45(mm) |

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Start Date: 12/21/2012 11:49

Analysis Batch Number: 69738 End Date: 12/23/2012 10:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 12/21/2012 11:49 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/21/2012 11:49 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-69738/5 CCVRT | | 12/21/2012 13:05 | 1 | YF122105.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/21/2012 14:20 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/21/2012 14:20 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/21/2012 14:58 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/21/2012 15:36 | 100 | | RTX-VRX 0.45(mm) |
| CCV 240-69738/10 | | 12/21/2012 16:14 | 1 | YF122110.D | RTX-VRX 0.45(mm) |
| CCV 240-69738/34 | | 12/22/2012 07:30 | 1 | YF122134.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 08:08 | 1 | | RTX-VRX 0.45(mm) |
| MRL 240-69738/35 | | 12/22/2012 08:08 | 1 | YF122135.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 08:46 | 1 | | RTX-VRX 0.45(mm) |
| MB 240-69738/36 | | 12/22/2012 08:46 | 1 | YF122136.D | RTX-VRX 0.45(mm) |
| LCS 240-69738/37 | | 12/22/2012 09:24 | 1 | YF122137.D | RTX-VRX 0.45(mm) |
| 240-18703-5 | 076SB-0143-0001-TB | 12/22/2012 10:01 | 1 | YF122138.D | RTX-VRX 0.45(mm) |
| 240-18703-6 | 076SB-0144-0001-TB | 12/22/2012 10:39 | 1 | YF122139.D | RTX-VRX 0.45(mm) |
| 240-18703-7 | 076SB-0145-0001-TB | 12/22/2012 11:16 | 1 | YF122140.D | RTX-VRX 0.45(mm) |
| 240-18703-24 | 076-0140-0001-ER | 12/22/2012 11:54 | 1 | YF122141.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 12:32 | 1 | | RTX-VRX 0.45(mm) |
| 240-18703-24 MS | 076-0140-0001-ER MS | 12/22/2012 12:32 | 1 | YF122142.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 13:10 | 1 | | RTX-VRX 0.45(mm) |
| 240-18703-24 MSD | 076-0140-0001-ER MSD | 12/22/2012 13:10 | 1 | YF122143.D | RTX-VRX 0.45(mm) |
| 240-18703-25 | 076-0141-0001-TB | 12/22/2012 13:47 | 1 | YF122144.D | RTX-VRX 0.45(mm) |
| CCV 240-69738/45 | | 12/22/2012 14:25 | 1 | YF122145.D | RTX-VRX 0.45(mm) |
| 240-18703-26 | 076-0142-0001-TB | 12/22/2012 15:02 | 1 | YF122146.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 15:41 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 16:18 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 16:56 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-69738/50 | | 12/22/2012 17:35 | 1 | YF122150.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 18:14 | 1 | | RTX-VRX 0.45(mm) |
| MRL 240-69738/51 | | 12/22/2012 18:14 | 1 | YF122151.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/22/2012 18:53 | 1 | | RTX-VRX 0.45(mm) |
| MB 240-69738/52 | | 12/22/2012 18:53 | 1 | YF122152.D | RTX-VRX 0.45(mm) |
| LCS 240-69738/53 | | 12/22/2012 19:32 | 1 | YF122153.D | RTX-VRX 0.45(mm) |
| 240-18703-1 | 072SB-0092-0001-SO | 12/22/2012 20:11 | 1 | YF122154.D | RTX-VRX 0.45(mm) |
| 240-18703-9 | 072SB-0083-0001-SO | 12/22/2012 20:49 | 1 | YF122155.D | RTX-VRX 0.45(mm) |
| 240-18703-10 | 072SB-0084-0001-SO | 12/22/2012 21:27 | 1 | YF122156.D | RTX-VRX 0.45(mm) |
| 240-18703-11 | 072SB-0085-0001-SO | 12/22/2012 22:06 | 1 | YF122157.D | RTX-VRX 0.45(mm) |
| 240-18703-12 | 072SB-0086-0001-SO | 12/22/2012 22:44 | 1 | YF122158.D | RTX-VRX 0.45(mm) |
| 240-18703-13 | 072SB-0087-0001-SO | 12/22/2012 23:22 | 1 | YF122159.D | RTX-VRX 0.45(mm) |
| 240-18703-14 | 072SB-0088-0001-SO | 12/23/2012 00:00 | 1 | YF122160.D | RTX-VRX 0.45(mm) |
| CCV 240-69738/61 | | 12/23/2012 00:38 | 1 | YF122161.D | RTX-VRX 0.45(mm) |
| 240-18703-15 | 072SB-0089-0001-SO | 12/23/2012 01:16 | 1 | YF122162.D | RTX-VRX 0.45(mm) |
| 240-18703-16 | 072SB-0090-0001-SO | 12/23/2012 01:54 | 1 | YF122163.D | RTX-VRX 0.45(mm) |

8015B

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Start Date: 12/21/2012 11:49

Analysis Batch Number: 69738 End Date: 12/23/2012 10:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| 240-18703-17 | 072SB-0091-0001-SO | 12/23/2012 02:31 | 1 | YF122164.D | RTX-VRX 0.45(mm) |
| 240-18703-18 | 072SB-0075-0001-SO | 12/23/2012 03:09 | 1 | YF122165.D | RTX-VRX 0.45(mm) |
| 240-18703-19 | 072SB-0076-0001-SO | 12/23/2012 03:47 | 1 | YF122166.D | RTX-VRX 0.45(mm) |
| 240-18703-20 | 072SB-0077-0001-SO | 12/23/2012 04:24 | 1 | YF122167.D | RTX-VRX 0.45(mm) |
| 240-18703-21 | 072SB-0079-0001-SO | 12/23/2012 05:02 | 1 | YF122168.D | RTX-VRX 0.45(mm) |
| 240-18703-22 | 072SB-0080-0001-SO | 12/23/2012 05:39 | 1 | YF122169.D | RTX-VRX 0.45(mm) |
| 240-18703-23 | 072SB-0081-0001-SO | 12/23/2012 06:17 | 1 | YF122170.D | RTX-VRX 0.45(mm) |
| CCV 240-69738/71 | | 12/23/2012 06:55 | 1 | YF122171.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 07:33 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 07:33 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 08:10 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 08:10 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 08:49 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 08:49 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-69738/75 | | 12/23/2012 09:27 | 1 | YF122175.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/23/2012 10:05 | 1 | | RTX-VRX 0.45(mm) |
| MRL 240-69738/76 | | 12/23/2012 10:05 | 1 | YF122176.D | RTX-VRX 0.45(mm) |

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Start Date: 12/24/2012 07:56

Analysis Batch Number: 69965 End Date: 12/24/2012 16:43

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 12/24/2012 07:56 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 07:56 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 08:33 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 08:33 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 09:10 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 09:10 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-69965/4 CCVRT | | 12/24/2012 09:48 | 1 | YF122404.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 10:26 | 1 | | RTX-VRX 0.45(mm) |
| MRL 240-69965/5 | | 12/24/2012 10:26 | 1 | YF122405.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 11:04 | 1 | | RTX-VRX 0.45(mm) |
| MB 240-69748/1-A | | 12/24/2012 11:04 | 1 | YF122406.D | RTX-VRX 0.45(mm) |
| LCS 240-69748/2-A | | 12/24/2012 11:43 | 1 | YF122407.D | RTX-VRX 0.45(mm) |
| 240-18703-8 | 072SB-0082-0001-SO | 12/24/2012 12:21 | 2 | YF122408.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 12:58 | 5 | | RTX-VRX 0.45(mm) |
| 240-18703-20 | 072SB-0077-0001-SO | 12/24/2012 13:36 | 1 | YF122410.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 14:14 | 2 | | RTX-VRX 0.45(mm) |
| 240-18703-22 | 072SB-0080-0001-SO | 12/24/2012 14:51 | 1 | YF122412.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 15:29 | 2 | | RTX-VRX 0.45(mm) |
| CCV 240-69965/14 | | 12/24/2012 16:06 | 1 | YF122414.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 12/24/2012 16:43 | 1 | | RTX-VRX 0.45(mm) |
| MRL 240-69965/15 | | 12/24/2012 16:43 | 1 | YF122415.D | RTX-VRX 0.45(mm) |

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Start Date: 12/28/2012 11:01

Analysis Batch Number: 70392 End Date: 12/28/2012 21:07

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 12/28/2012 11:01 | 1 | | RTX-VRX 0.45(mm) |
| STD1 240-70392/5 IC | | 12/28/2012 11:38 | 1 | YF122805.D | RTX-VRX 0.45(mm) |
| STD2 240-70392/6 IC | | 12/28/2012 12:16 | 1 | YF122806.D | RTX-VRX 0.45(mm) |
| STD3 240-70392/7 IC | | 12/28/2012 12:54 | 1 | YF122807.D | RTX-VRX 0.45(mm) |
| STD4 240-70392/8 ICRT | | 12/28/2012 13:32 | 1 | YF122808.D | RTX-VRX 0.45(mm) |
| STD5 240-70392/9 IC | | 12/28/2012 14:10 | 1 | YF122809.D | RTX-VRX 0.45(mm) |
| STD6 240-70392/10 IC | | 12/28/2012 14:47 | 1 | YF122810.D | RTX-VRX 0.45(mm) |
| ICV 240-70392/11 | | 12/28/2012 15:24 | 1 | YF122811.D | RTX-VRX 0.45(mm) |
| CCV 240-70392/20 | | 12/28/2012 21:07 | 1 | | RTX-VRX 0.45(mm) |

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Start Date: 01/02/2013 10:43

Analysis Batch Number: 70834 End Date: 01/03/2013 06:13

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 01/02/2013 10:43 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 11:21 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 11:58 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-70834/5 CCVRT | | 01/02/2013 12:35 | 1 | YF010205.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 13:13 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 13:50 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 14:29 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 15:06 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 15:44 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 16:22 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 16:59 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 17:37 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 18:16 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 18:53 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-70834/16 | | 01/02/2013 19:30 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 20:08 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 20:46 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 21:25 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 22:03 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 22:41 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 23:19 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/02/2013 23:56 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/03/2013 00:34 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/03/2013 01:11 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/03/2013 01:49 | 1 | | RTX-VRX 0.45(mm) |
| CCV 240-70834/27 | | 01/03/2013 02:26 | 1 | YF010227.D | RTX-VRX 0.45(mm) |
| MRL 240-70834/28 | | 01/03/2013 03:04 | 1 | YF010228.D | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/03/2013 03:41 | 1 | | RTX-VRX 0.45(mm) |
| ZZZZZ | | 01/03/2013 04:19 | 1 | | RTX-VRX 0.45(mm) |
| 240-18703-8 RA | 072SB-0082-0001-SO RA | 01/03/2013 04:56 | 2 | YF010231.D | RTX-VRX 0.45(mm) |
| CCV 240-70834/32 | | 01/03/2013 05:35 | 1 | YF010232.D | RTX-VRX 0.45(mm) |
| MRL 240-70834/33 | | 01/03/2013 06:13 | 1 | YF010233.D | RTX-VRX 0.45(mm) |

# GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Batch Number: 69748  Batch Start Date: 12/21/12 09:33  Batch Analyst: Bosworth, Heather M

Batch Method: 5035  Batch End Date: 12/21/12 10:00

| Lab Sample ID | Client Sample ID | Method Chain | Basis | TareWeight | Vial&SampleWt | InitialAmount | FinalAmount | VGGASCHK 00025 | VGGASURROGATE 00017 |
|---|---|---|---|---|---|---|---|---|---|
| MB 240-69748/1 | | 5035, 8015B | | | | 5.00 g | 5 mL | | 50 uL |
| LCS 240-69748/2 | | 5035, 8015B | | | | 5.00 g | 5 mL | 2 mL | 50 uL |
| 240-18703-B-8 | 072SB-0082-0001-SO | 5035, 8015B | T | +028.131 g | 34.88 g | 6.749 g | 5 mL | | 50 uL |
| 240-18703-B-20 | 072SB-0077-0001-SO | 5035, 8015B | T | +027.848 g | 33.87 g | 6.022 g | 5 mL | | 50 uL |
| 240-18703-B-22 | 072SB-0080-0001-SO | 5035, 8015B | T | +027.733 g | 33.54 g | 5.807 g | 5 mL | | 50 uL |

| Batch Notes | |
|---|---|
| Balance ID | B045 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Batch Number: 69885  Batch Start Date: 12/22/12 09:09  Batch Analyst: Bosworth, Heather M

Batch Method: 5035  Batch End Date: 12/22/12 10:00

| Lab Sample ID | Client Sample ID | Method Chain | Basis | TareWeight | Vial&SampleWt | InitialAmount | FinalAmount | AnalysisComment | |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-B-1 | 072SB-0092-0001-SO | 5035, 8015B | T | +030.667 g | 37.01 g | 6.343 g | 5 mL | Job frozedn on 12/11/12@1835 | |
| 240-18703-B-9 | 072SB-0083-0001-SO | 5035, 8015B | T | +030.557 g | 36.86 g | 6.303 g | 5 mL | | |
| 240-18703-B-10 | 072SB-0084-0001-SO | 5035, 8015B | T | +030.350 g | 35.34 g | 4.99 g | 5 mL | | |
| 240-18703-B-11 | 072SB-0085-0001-SO | 5035, 8015B | T | 30.378 g | 35.09 g | 4.712 g | 5 mL | | |
| 240-18703-B-12 | 072SB-0086-0001-SO | 5035, 8015B | T | +030.329 g | 36.90 g | 6.571 g | 5 mL | | |
| 240-18703-B-13 | 072SB-0087-0001-SO | 5035, 8015B | T | +029.917 g | 33.57 g | 3.653 g | 5 mL | | |
| 240-18703-B-14 | 072SB-0088-0001-SO | 5035, 8015B | T | +029.907 g | 35.36 g | 5.453 g | 5 mL | | |
| 240-18703-B-15 | 072SB-0089-0001-SO | 5035, 8015B | T | +030.480 g | 36.11 g | 5.63 g | 5 mL | | |
| 240-18703-B-16 | 072SB-0090-0001-SO | 5035, 8015B | T | +030.617 g | 36.45 g | 5.833 g | 5 mL | | |
| 240-18703-B-17 | 072SB-0091-0001-SO | 5035, 8015B | T | +030.582 g | 36.59 g | 6.008 g | 5 mL | | |
| 240-18703-B-18 | 072SB-0075-0001-SO | 5035, 8015B | T | +030.535 g | 36.24 g | 5.705 g | 5 mL | | |
| 240-18703-B-19 | 072SB-0076-0001-SO | 5035, 8015B | T | +030.542 g | 36.88 g | 6.338 g | 5 mL | | |
| 240-18703-B-20 | 072SB-0077-0001-SO | 5035, 8015B | T | +030.935 g | 37.15 g | 6.215 g | 5 mL | | |
| 240-18703-B-21 | 072SB-0079-0001-SO | 5035, 8015B | T | +030.282 g | 36.28 g | 5.998 g | 5 mL | | |
| 240-18703-B-22 | 072SB-0080-0001-SO | 5035, 8015B | T | +030.502 g | 38.04 g | 7.538 g | 5 mL | | |
| 240-18703-B-23 | 072SB-0081-0001-SO | 5035, 8015B | T | +030.511 g | 36.36 g | 5.849 g | 5 mL | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Method 8015B - DRO DOD

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## Diesel Range Organics (DRO) (GC) by Method 8015B DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | C9 # |
|---|---|---|
| 072SB-0092-0001-SO | 240-18703-1 | 54 |
| 072SB-0082-0001-SO | 240-18703-8 | 52 |
| 072SB-0083-0001-SO | 240-18703-9 | 62 |
| 072SB-0084-0001-SO | 240-18703-10 | 60 |
| 072SB-0085-0001-SO | 240-18703-11 | 64 |
| 072SB-0086-0001-SO | 240-18703-12 | 62 |
| 072SB-0087-0001-SO | 240-18703-13 | 68 |
| 072SB-0088-0001-SO | 240-18703-14 | 53 |
| 072SB-0089-0001-SO | 240-18703-15 | 59 |
| 072SB-0090-0001-SO | 240-18703-16 | 48 |
| 072SB-0091-0001-SO | 240-18703-17 | 49 |
| 072SB-0075-0001-SO | 240-18703-18 | 47 |
| 072SB-0076-0001-SO | 240-18703-19 | 50 |
| 072SB-0077-0001-SO | 240-18703-20 | 49 |
| 072SB-0079-0001-SO | 240-18703-21 | 43 |
| 072SB-0080-0001-SO | 240-18703-22 | 48 |
| 072SB-0081-0001-SO | 240-18703-23 | 54 |
| | MB 240-69559/17-A | 64 |
| | MB 240-69794/6-A | 62 |
| | MB 240-69985/23-A | 48 |
| | LCS 240-69559/18-A | 68 |
| | LCS 240-69794/7-A | 67 |
| | LCS 240-69985/24-A | 54 |
| 072SB-0082-0001-SO MS | 240-18703-8 MS | 59 |
| 072SB-0082-0001-SO MSD | 240-18703-8 MSD | 60 |

| | QC LIMITS |
|---|---|
| C9 = n-Nonane | 10-110 |

# Column to be used to flag recovery values

FORM II 8015B_DRO/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | C9 # |
|---|---|---|
| | MRL 240-70006/5 | 83 |
| | MRL 240-70006/29 | 88 |
| | MRL 240-70185/4 | 77 |
| | MRL 240-70185/33 | 71 |

| | QC LIMITS |
|---|---|
| C9 = n-Nonane | 70-130 |

# Column to be used to flag recovery values

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ID:

| Client Sample ID | Lab Sample ID | C9 # |
|---|---|---|
| 076-0140-0001-ER | 240-18703-24 | 51 |
| | MB 240-68549/15-A | 50 |
| | LCS 240-68549/16-A | 74 |

| | QC LIMITS |
|---|---|
| C9 = n-Nonane | 10-110 |

# Column to be used to flag recovery values

FORM II 8015B_DRO/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ID:

| Client Sample ID | Lab Sample ID | C9 # |
|---|---|---|
| | MRL 240-68949/4 | 74 |
| | MRL 240-68949/23 | 78 |

| | QC LIMITS |
|---|---|
| C9 = n-Nonane | 70-130 |

# Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P5F10007.D

Lab ID: LCS 240-68549/16-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 2500 | 2320 | 93 | 36-124 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P6F24008.D

Lab ID: LCS 240-69559/18-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 83.3 | 68.9 | 83 | 47-138 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P6F24022.D

Lab ID: LCS 240-69794/7-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 83.3 | 69.3 | 83 | 47-138 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5F10007.D

Lab ID: LCS 240-69985/24-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 83.3 | 64.6 | 77 | 47-138 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P5F10004.D

Lab ID: MRL 240-68949/4 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 100 | 98.5 J | 99 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P5F10023.D

Lab ID: MRL 240-68949/23 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 100 | 108 | 108 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P6F24005.D

Lab ID: MRL 240-70006/5 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 100 | 109 | 109 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P6F24029.D

Lab ID: MRL 240-70006/29 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 100 | 110 | 110 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5F10004.D

Lab ID: MRL 240-70185/4 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 100 | 105 | 105 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5F10033.D

Lab ID: MRL 240-70185/33 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Diesel | 100 | 92.0 J | 92 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P6F24012.D

Lab ID: 240-18703-8 MS Client ID: 072SB-0082-0001-SO MS

| COMPOUND | SPIKE ADDED (mg/Kg) | SAMPLE CONCENTRATION (mg/Kg) | MS CONCENTRATION (mg/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| Diesel | 98.3 | 240 | 331 | 93 | 10-199 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P6F24013.D

Lab ID: 240-18703-8 MSD Client ID: 072SB-0082-0001-SO MSD

| COMPOUND | SPIKE ADDED (mg/Kg) | MSD CONCENTRATION (mg/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Diesel | 98.4 | 283 | 44 | 16 | 30 | 10-199 | |

# Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: P5F10006.D Lab Sample ID: MB 240-68549/15-A

Matrix: Water Date Extracted: 12/13/2012 11:26

Instrument ID: A2HP5F Date Analyzed: 12/17/2012 14:33

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 240-68549/16-A | P5F10007.D | 12/17/2012 15:03 |
| 076-0140-0001-ER | 240-18703-24 | P5F10008.D | 12/17/2012 15:34 |

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Lab File ID: P6F24007.D  Lab Sample ID: MB 240-69559/17-A

Matrix: Solid  Date Extracted: 12/20/2012 09:27

Instrument ID: A2HP6F  Date Analyzed: 12/24/2012 16:32

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 240-69559/18-A | P6F24008.D | 12/24/2012 17:11 |
| 072SB-0092-0001-SO | 240-18703-1 | P6F24010.D | 12/24/2012 18:29 |
| 072SB-0082-0001-SO | 240-18703-8 | P6F24011.D | 12/24/2012 19:08 |
| 072SB-0082-0001-SO MS | 240-18703-8 MS | P6F24012.D | 12/24/2012 19:47 |
| 072SB-0082-0001-SO MSD | 240-18703-8 MSD | P6F24013.D | 12/24/2012 20:26 |
| 072SB-0083-0001-SO | 240-18703-9 | P6F24014.D | 12/24/2012 21:05 |
| 072SB-0084-0001-SO | 240-18703-10 | P6F24015.D | 12/24/2012 21:44 |
| 072SB-0085-0001-SO | 240-18703-11 | P6F24016.D | 12/24/2012 22:23 |
| 072SB-0086-0001-SO | 240-18703-12 | P6F24018.D | 12/24/2012 23:41 |
| 072SB-0087-0001-SO | 240-18703-13 | P6F24019.D | 12/25/2012 00:20 |

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: P6F24021.D Lab Sample ID: MB 240-69794/6-A

Matrix: Solid Date Extracted: 12/21/2012 11:38

Instrument ID: A2HP6F Date Analyzed: 12/25/2012 01:37

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 240-69794/7-A | P6F24022.D | 12/25/2012 02:16 |
| 072SB-0088-0001-SO | 240-18703-14 | P6F24026.D | 12/25/2012 04:51 |
| 072SB-0089-0001-SO | 240-18703-15 | P6F24027.D | 12/25/2012 05:30 |

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: P5F10006.D Lab Sample ID: MB 240-69985/23-A

Matrix: Solid Date Extracted: 12/24/2012 09:40

Instrument ID: A2HP5F Date Analyzed: 12/27/2012 13:44

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 240-69985/24-A | P5F10007.D | 12/27/2012 14:14 |
| 072SB-0090-0001-SO | 240-18703-16 | P5F10008.D | 12/27/2012 14:45 |
| 072SB-0091-0001-SO | 240-18703-17 | P5F10009.D | 12/27/2012 15:15 |
| 072SB-0075-0001-SO | 240-18703-18 | P5F10010.D | 12/27/2012 15:45 |
| 072SB-0076-0001-SO | 240-18703-19 | P5F10011.D | 12/27/2012 16:15 |
| 072SB-0077-0001-SO | 240-18703-20 | P5F10012.D | 12/27/2012 16:45 |
| 072SB-0079-0001-SO | 240-18703-21 | P5F10013.D | 12/27/2012 17:16 |
| 072SB-0080-0001-SO | 240-18703-22 | P5F10014.D | 12/27/2012 17:46 |
| 072SB-0081-0001-SO | 240-18703-23 | P5F10015.D | 12/27/2012 18:17 |

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-68949/5  Date Analyzed: 12/17/2012 14:02

Instrument ID: A2HP5F  GC Column:  ID: ()

Lab File ID (Standard): P5F10005.D  Heated Purge: (Y/N) N

Calibration ID: 11556

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | C9 RT # | | |
|---|---|---|---|---|---|---|
| CONTINUING CALIBRATION SURROGATE | | | | 4.26 | | |
| UPPER LIMIT | | | | 4.36 | | |
| LOWER LIMIT | | | | 4.16 | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-68949/5 CCVRT | | 12/17/2012 14:02 | P5F10005.D | 4.26 | | |
| MB 240-68549/15-A | | 12/17/2012 14:33 | P5F10006.D | 4.26 | | |
| LCS 240-68549/16-A | | 12/17/2012 15:03 | P5F10007.D | 4.26 | | |
| 240-18703-24 | 076-0140-0001-ER | 12/17/2012 15:34 | P5F10008.D | 4.26 | | |
| CCV 240-68949/16 | | 12/17/2012 19:35 | P5F10016.D | 4.27 | | |

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8015B_DRO/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-70185/5 Date Analyzed: 12/27/2012 13:14

Instrument ID: A2HP5F GC Column: ID: ()

Lab File ID (Standard): P5F10005.D Heated Purge: (Y/N) N

Calibration ID: 11556

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | C9 RT # | | |
|---|---|---|---|---|---|---|
| CONTINUING CALIBRATION SURROGATE | | | | 4.25 | | |
| UPPER LIMIT | | | | 4.35 | | |
| LOWER LIMIT | | | | 4.15 | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-70185/5 CCVRT | | 12/27/2012 13:14 | P5F10005.D | 4.25 | | |
| MB 240-69985/23-A | | 12/27/2012 13:44 | P5F10006.D | 4.24 | | |
| LCS 240-69985/24-A | | 12/27/2012 14:14 | P5F10007.D | 4.23 | | |
| 240-18703-16 | 072SB-0090-0001-SO | 12/27/2012 14:45 | P5F10008.D | 4.23 | | |
| 240-18703-17 | 072SB-0091-0001-SO | 12/27/2012 15:15 | P5F10009.D | 4.23 | | |
| 240-18703-18 | 072SB-0075-0001-SO | 12/27/2012 15:45 | P5F10010.D | 4.23 | | |
| 240-18703-19 | 072SB-0076-0001-SO | 12/27/2012 16:15 | P5F10011.D | 4.23 | | |
| 240-18703-20 | 072SB-0077-0001-SO | 12/27/2012 16:45 | P5F10012.D | 4.23 | | |
| 240-18703-21 | 072SB-0079-0001-SO | 12/27/2012 17:16 | P5F10013.D | 4.24 | | |
| 240-18703-22 | 072SB-0080-0001-SO | 12/27/2012 17:46 | P5F10014.D | 4.23 | | |
| 240-18703-23 | 072SB-0081-0001-SO | 12/27/2012 18:17 | P5F10015.D | 4.24 | | |
| CCV 240-70185/16 | | 12/27/2012 18:47 | P5F10016.D | 4.24 | | |

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8015B_DRO/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-70006/6  Date Analyzed: 12/24/2012 15:54

Instrument ID: A2HP6F  GC Column: RTX-5  ID: 0.53(mm)

Lab File ID (Standard): P6F24006.D  Heated Purge: (Y/N) N

Calibration ID: 12803

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | C9 | | |
|---|---|---|---|---|---|---|
| | | | | RT # | | |
| CONTINUING CALIBRATION SURROGATE | | | | 4.14 | | |
| UPPER LIMIT | | | | 4.24 | | |
| LOWER LIMIT | | | | 4.04 | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-70006/6 CCVRT | | 12/24/2012 15:54 | P6F24006.D | 4.14 | | |
| MB 240-69559/17-A | | 12/24/2012 16:32 | P6F24007.D | 4.13 | | |
| LCS 240-69559/18-A | | 12/24/2012 17:11 | P6F24008.D | 4.13 | | |
| 240-18703-1 | 072SB-0092-0001-SO | 12/24/2012 18:29 | P6F24010.D | 4.13 | | |
| 240-18703-8 | 072SB-0082-0001-SO | 12/24/2012 19:08 | P6F24011.D | 4.13 | | |
| 240-18703-8 MS | 072SB-0082-0001-SO MS | 12/24/2012 19:47 | P6F24012.D | 4.13 | | |
| 240-18703-8 MSD | 072SB-0082-0001-SO MSD | 12/24/2012 20:26 | P6F24013.D | 4.13 | | |
| 240-18703-9 | 072SB-0083-0001-SO | 12/24/2012 21:05 | P6F24014.D | 4.13 | | |
| 240-18703-10 | 072SB-0084-0001-SO | 12/24/2012 21:44 | P6F24015.D | 4.13 | | |
| 240-18703-11 | 072SB-0085-0001-SO | 12/24/2012 22:23 | P6F24016.D | 4.13 | | |
| CCV 240-70006/17 | | 12/24/2012 23:02 | P6F24017.D | 4.14 | | |
| 240-18703-12 | 072SB-0086-0001-SO | 12/24/2012 23:41 | P6F24018.D | 4.13 | | |
| 240-18703-13 | 072SB-0087-0001-SO | 12/25/2012 00:20 | P6F24019.D | 4.13 | | |
| MB 240-69794/6-A | | 12/25/2012 01:37 | P6F24021.D | 4.13 | | |
| LCS 240-69794/7-A | | 12/25/2012 02:16 | P6F24022.D | 4.13 | | |
| 240-18703-14 | 072SB-0088-0001-SO | 12/25/2012 04:51 | P6F24026.D | 4.13 | | |
| 240-18703-15 | 072SB-0089-0001-SO | 12/25/2012 05:30 | P6F24027.D | 4.13 | | |
| CCV 240-70006/28 | | 12/25/2012 06:09 | P6F24028.D | 4.14 | | |

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8015B_DRO/DOD

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0092-0001-SO | Lab Sample ID: 240-18703-1

Matrix: Solid | Lab File ID: P6F24010.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 12:37

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 18:29

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 19 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 19 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 54 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24010.D | | |
| Lims ID: | 240-18703-H-1-C | Client ID: | 072SB-0092-0001-SO |
| Inject. Date: | 24-Dec-2012 18:29:55 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-010 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 10 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 10 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:29 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 Tetratetracontane | 27.289 | | | | | 1 |
| A 2 C28-C36 | 13.701 | -16.672 | | | | |
| A 3 C10-C34 | 10.316 | 5.154 - 15.478 | | 12180150 | 69.8 | |
| A 4 C32-C44 | 14.764 | -14.769 | | | | |
| A 5 C12-C22 | 6.554 | - 11.022 | | | | |
| A 6 C22-C32 | 11.022 | -14.764 | | | | |
| 7 n-Octane | 2.497 | 2.507 | -0.010 | 373825 | 0 | |
| $ 8 n-Nonane | 4.130 | 4.141 | -0.011 | 7523932 | 54.5 | |
| 9 n-Decane | 5.147 | 5.154 | -0.007 | 1748 | 0 | |
| 10 Dodecane | 6.554 | | | | | 1 |
| 11 n-Tetradecane | 7.643 | | | | | 1 |
| A 12 C10-C20 | 5.154 | - 10.218 | | | | |
| 13 Hexadecane | 8.591 | | | | | 1 |
| A 14 C10-C28 | 5.119 | - 13.701 | | | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| | 5.154 - 13.598 | | | | |
| 16 n-Octadecane | | | | | 1 |
| | 9.443 | | | | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 9598027 | 55.0 | |
| 18 icosane | | | | | 1 |
| | 10.218 | | | | |
| 19 n-Docosane | | | | | 1 |
| | 11.022 | | | | |
| A 20 C12-C24 | | | | | |
| | 6.554 - 12.063 | | | | |
| 21 n-Tetracosane | | | | | |
| 12.106 | 12.063 | 0.043 | 2275 | 0 | |
| A 22 C20-C34 | | | | | |
| | 10.218 -15.478 | | | | |
| 23 n-Hexacosane | | | | | |
| 12.932 | 12.906 | 0.026 | 1487 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.618 | 13.598 | 0.020 | 9371 | 0 | |
| 25 Triacontane | | | | | |
| 14.216 | 14.198 | 0.018 | 14124 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.782 | 14.764 | 0.018 | 2886 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.498 | 15.478 | 0.020 | 1326 | 0 | |
| A 28 C24-C40 | | | | | |
| | 12.063 -19.886 | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| | 16.460 | | | | |
| 30 C38 | | | | | 1 |
| | 17.863 | | | | |
| 31 C40 | | | | | 1 |
| | 19.886 | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 -16.460 | | 5596769 | 32.1 | |
| A 33 C24-C44 | | | | | |
| | 12.063 -27.069 | | | | |
| A 34 C10-C24 | | | | | |
| | 5.154 - 12.063 | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

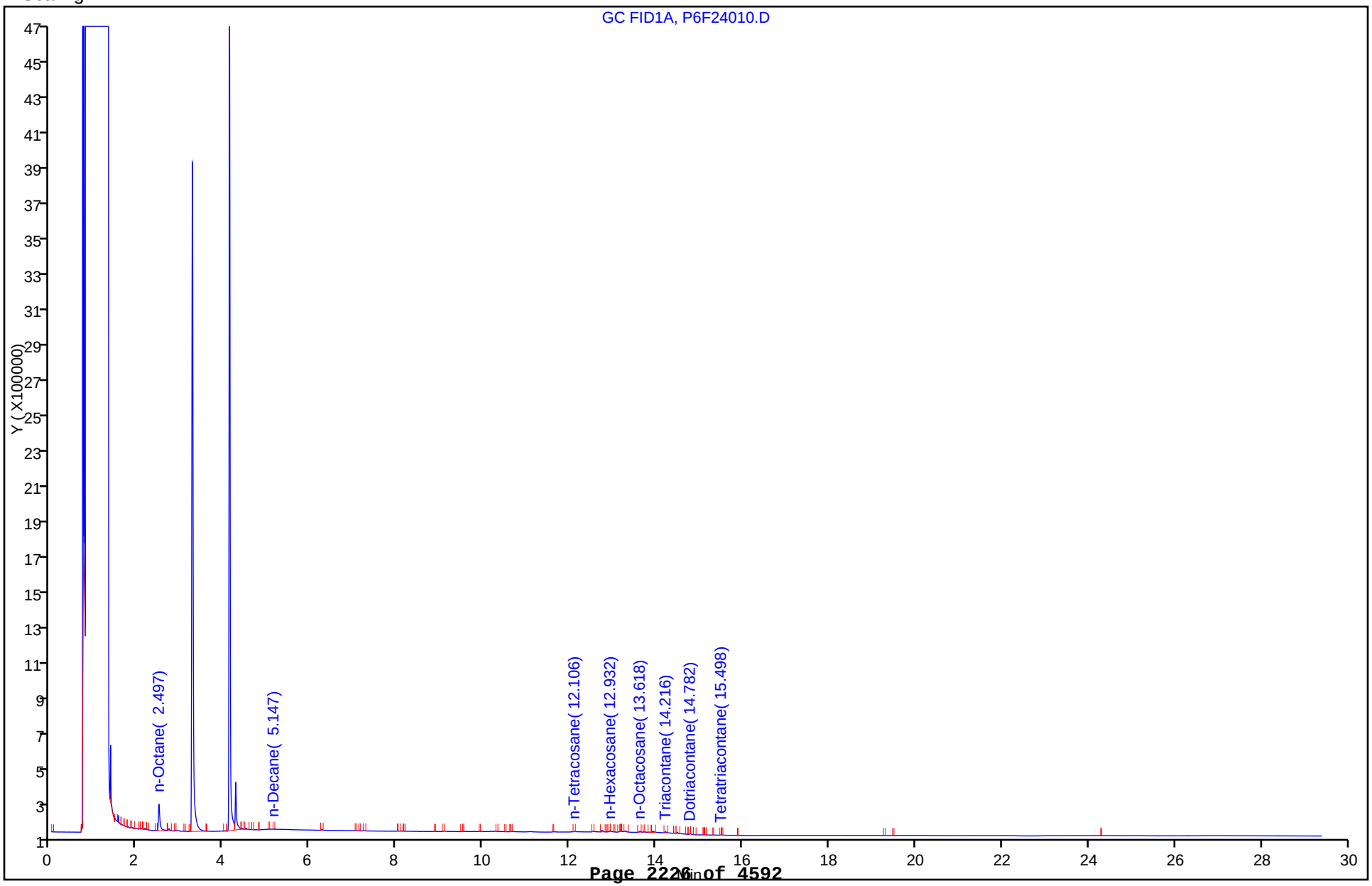
Report Date: 26-Dec-2012 09:44:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24010.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 18:29:55 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0092-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 10 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: P6F24011.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 10:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.41(g) | Date Analyzed: 12/24/2012 19:08

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 220 | | 20 | 11 | 11 |
| STL00272 | C20-C34 | 25 | | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 52 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24011.D | | |
| Lims ID: | 240-18703-H-8-A | Client ID: | 072SB-0082-0001-SO |
| Inject. Date: | 24-Dec-2012 19:08:57 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-011 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 11 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 11 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:29 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 15.186 | 13.701 | -16.672 | 5300472 | 31.9 | |
| A | 3 C10-C34 | | | | | |
| | 10.316 | 5.154 | - 15.478 | 226097303 | 1296.5 | |
| A | 4 C32-C44 | | | | | |
| | | 14.764 | -14.769 | | | |
| A | 5 C12-C22 | | | | | |
| | 8.788 | 6.554 | - 11.022 | 203509915 | 1167.0 | |
| A | 6 C22-C32 | | | | | |
| | 12.893 | 11.022 | -14.764 | 8443873 | 48.4 | |
| | 7 n-Octane | | | | | |
| | 2.496 | 2.507 | -0.011 | 361041 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.129 | 4.141 | -0.012 | 7175639 | 52.0 | |
| | 9 n-Decane | | | | | |
| | 5.124 | 5.154 | -0.030 | 5166 | 0 | |
| | 10 Dodecane | | | | | |
| | 6.561 | 6.554 | 0.007 | 225743 | 0 | |
| | 11 n-Tetradecane | | | | | |
| | 7.643 | 7.643 | 0.000 | 349492 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.686 | 5.154 | - 10.218 | 196754565 | 1128.3 | |
| | 13 Hexadecane | | | | | |
| | 8.588 | 8.591 | -0.003 | 766637 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.410 | 5.119 | - 13.701 | 214719672 | 1291.8 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 214643504 | 1230.8 | |
| 16 n-Octadecane | | | | | |
| 9.441 | 9.443 | -0.002 | 349392 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 222421345 | 1275.4 | |
| 18 icosane | | | | | |
| 10.216 | 10.218 | -0.002 | 281669 | 0 | |
| 19 n-Docosane | | | | | |
| 11.020 | 11.022 | -0.002 | 68287 | 0 | |
| A 20 C12-C24 | | | | | |
| 9.309 | 6.554 - 12.063 | | 206944943 | 1186.7 | |
| 21 n-Tetracosane | | | | | |
| 12.068 | 12.063 | 0.005 | 24443 | 0 | |
| A 22 C20-C34 | | | | | |
| 12.865 | 10.218 - 15.478 | | 22764392 | 130.5 | |
| 23 n-Hexacosane | | | | | |
| 12.909 | 12.906 | 0.003 | 21321 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.601 | 13.598 | 0.003 | 37216 | 0 | |
| 25 Triacontane | | | | | |
| 14.198 | 14.198 | 0.000 | 29467 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.765 | 14.764 | 0.001 | 8449 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.477 | 15.478 | -0.001 | 77407 | 0 | |
| A 28 C24-C40 | | | | | |
| 15.975 | 12.063 - 19.886 | | 13411176 | 76.9 | |
| 29 n-Hexatriacontane | | | | | 1 |
| 16.460 | | | | | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 - 16.460 | | 30170967 | 173.0 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 - 27.069 | | 15570525 | 89.3 | |
| A 34 C10-C24 | | | | | |
| 8.609 | 5.154 - 12.063 | | 213011523 | 1221.5 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

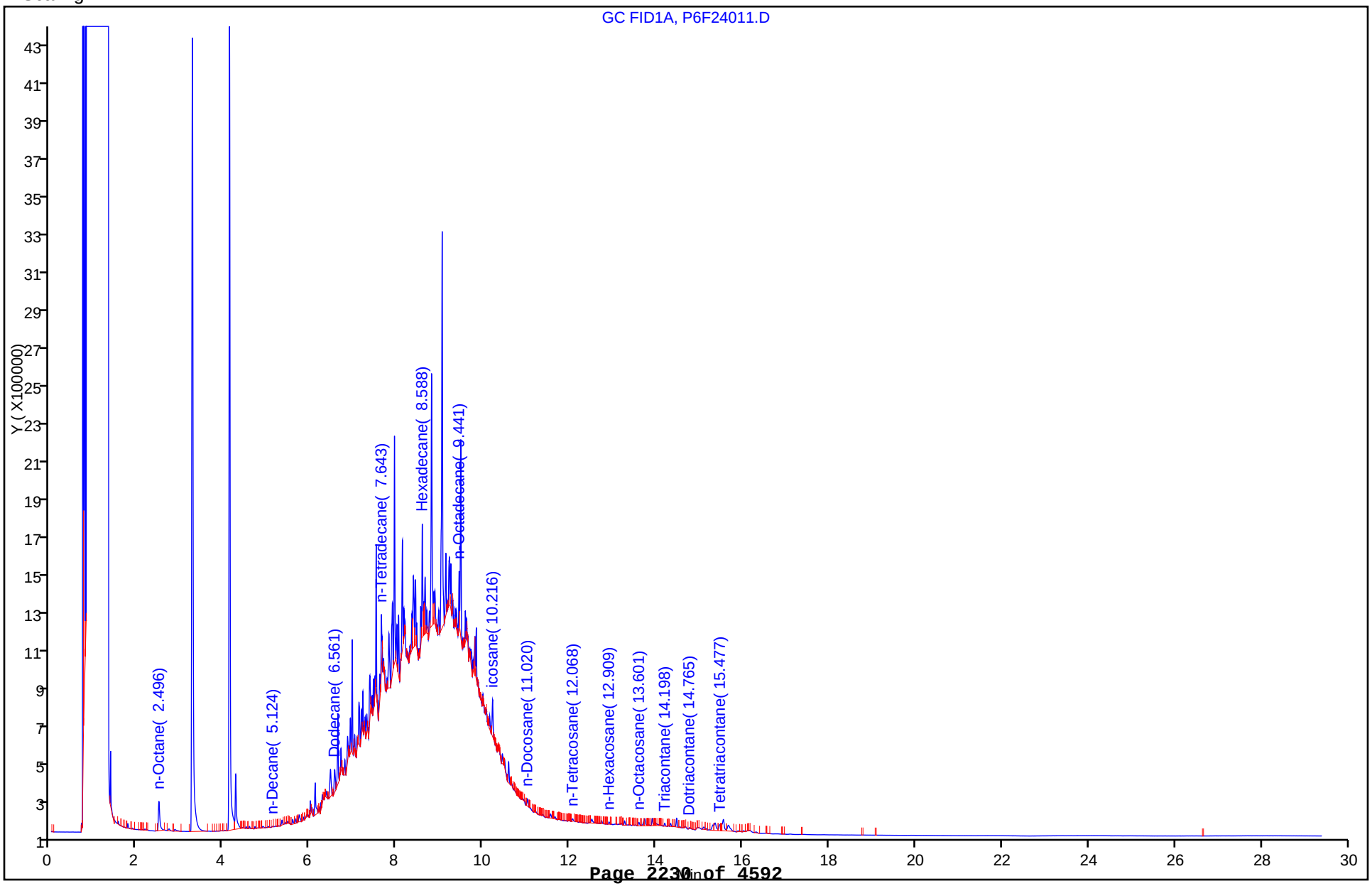
Report Date: 26-Dec-2012 09:44:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24011.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 19:08:57 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 11 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:

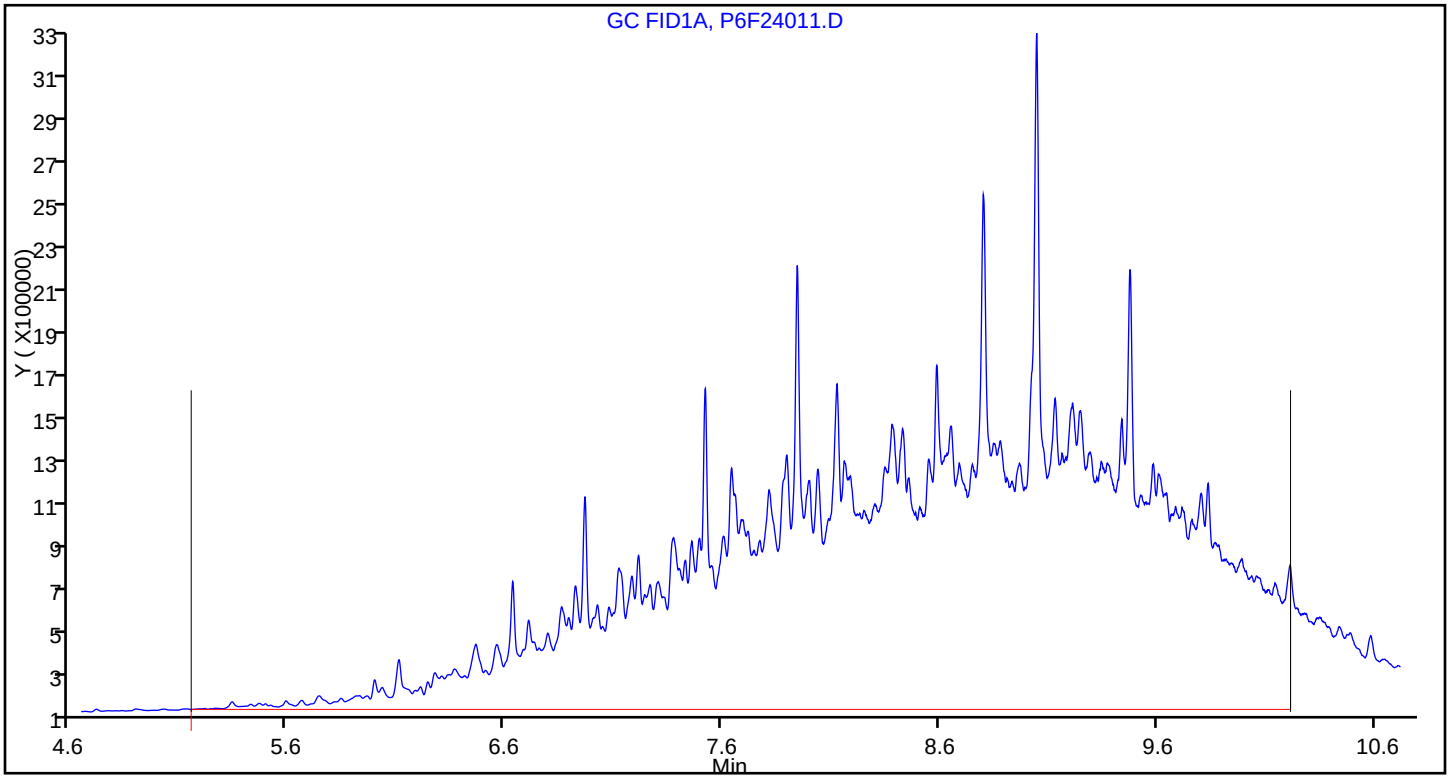


Report Date: 26-Dec-2012 09:44:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24011.D | | |
| Injection Date: | 24-Dec-2012 19:08:57 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 11 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

A 12 C10-C20, Detector: 1, GC FID1A

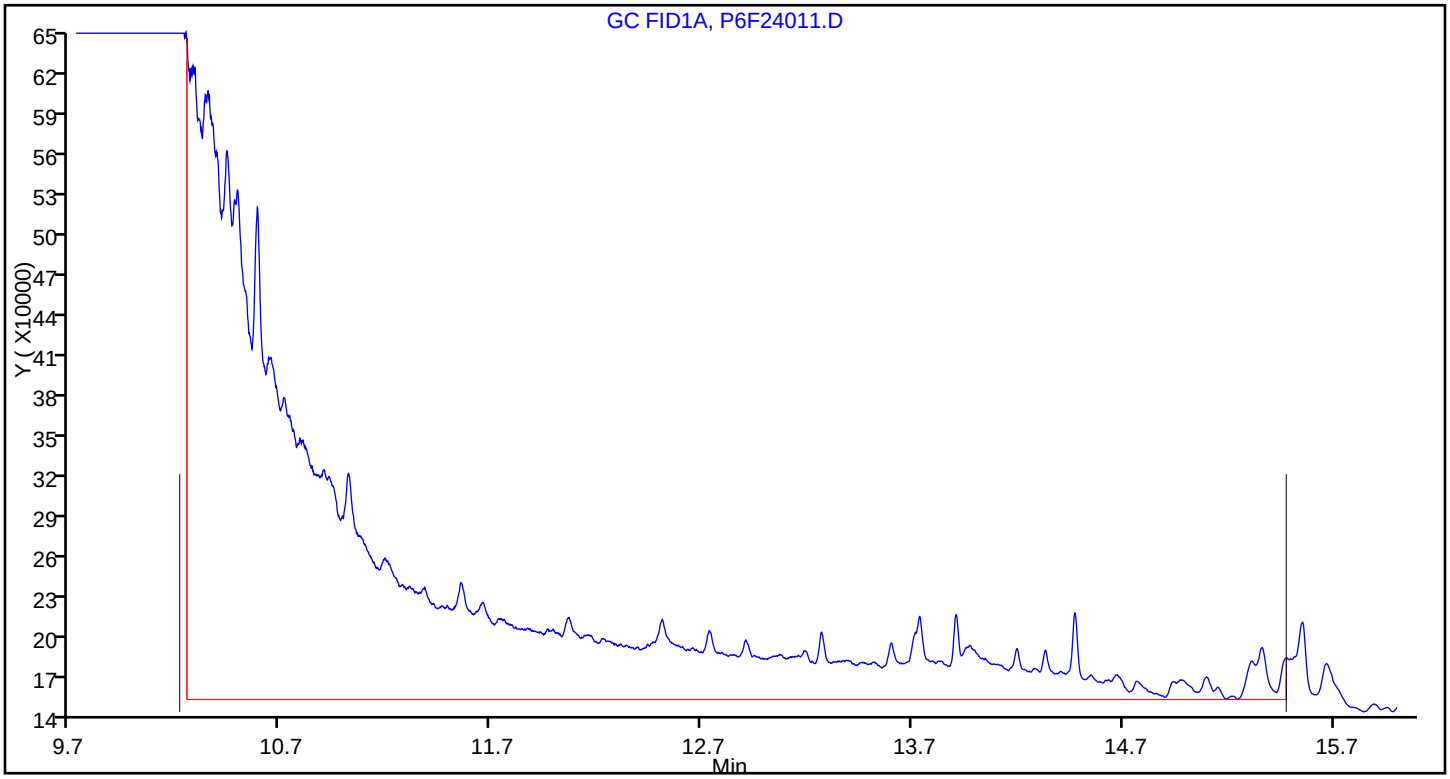


Report Date: 26-Dec-2012 09:44:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24011.D | | |
| Injection Date: | 24-Dec-2012 19:08:57 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 11 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

A 22 C20-C34, Detector: 1, GC FID1A



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0083-0001-SO Lab Sample ID: 240-18703-9

Matrix: Solid Lab File ID: P6F24014.D

Analysis Method: 8015B_DRO/DOD Date Collected: 12/10/2012 11:15

Extraction Method: 3540C Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.37(g) Date Analyzed: 12/24/2012 21:05

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 19 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 19 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 62 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24014.D | | |
| Lims ID: | 240-18703-H-9-A | Client ID: | 072SB-0083-0001-SO |
| Inject. Date: | 24-Dec-2012 21:05:40 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-014 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 14 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 14 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:29 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A 2 | C28-C36 | | | | | |
| | 13.701 | -16.672 | | | | |
| A 3 | C10-C34 | | | | | |
| | 10.316 | 5.154 - 15.478 | | 12142680 | 69.6 | |
| A 4 | C32-C44 | | | | | |
| | 14.764 | -14.769 | | | | |
| A 5 | C12-C22 | | | | | |
| | 6.554 | - 11.022 | | | | |
| A 6 | C22-C32 | | | | | |
| | 11.022 | -14.764 | | | | |
| 7 | n-Octane | | | | | |
| | 2.494 | 2.507 | -0.013 | 425224 | 0 | |
| $ 8 | n-Nonane | | | | | |
| | 4.129 | 4.141 | -0.012 | 8518091 | 61.7 | |
| 9 | n-Decane | | | | | |
| | 5.143 | 5.154 | -0.011 | 1538 | 0 | |
| 10 | Dodecane | | | | | 1 |
| | 6.554 | | | | | |
| 11 | n-Tetradecane | | | | | 1 |
| | 7.643 | | | | | |
| A 12 | C10-C20 | | | | | |
| | 5.154 | - 10.218 | | | | |
| 13 | Hexadecane | | | | | |
| | 8.616 | 8.591 | 0.025 | 3387 | 0 | |
| A 14 | C10-C28 | | | | | |
| | 5.119 | - 13.701 | | | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 5.154 - 13.598 | | | | | |
| 16 n-Octadecane | | | | | |
| 9.393 | 9.443 | -0.050 | 560 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 8938749 | 51.3 | |
| 18 icosane | | | | | |
| 10.258 | 10.218 | 0.040 | 2780 | 0 | |
| 19 n-Docosane | | | | | |
| 11.050 | 11.022 | 0.028 | 2320 | 0 | |
| A 20 C12-C24 | | | | | |
| 6.554 - 12.063 | | | | | |
| 21 n-Tetracosane | | | | | |
| 12.079 | 12.063 | 0.016 | 15619 | 0 | |
| A 22 C20-C34 | | | | | |
| 12.848 | 10.218 - 15.478 | | 5367500 | 30.8 | |
| 23 n-Hexacosane | | | | | |
| 12.920 | 12.906 | 0.014 | 15415 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.608 | 13.598 | 0.010 | 15862 | 0 | |
| 25 Triacontane | | | | | |
| 14.207 | 14.198 | 0.009 | 12052 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.777 | 14.764 | 0.013 | 9244 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.482 | 15.478 | 0.004 | 515 | 0 | |
| A 28 C24-C40 | | | | | |
| 12.063 - 19.886 | | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| 16.460 | | | | | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 - 16.460 | | 6474523 | 37.1 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 - 27.069 | | 6546933 | 37.5 | |
| A 34 C10-C24 | | | | | |
| 5.154 - 12.063 | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

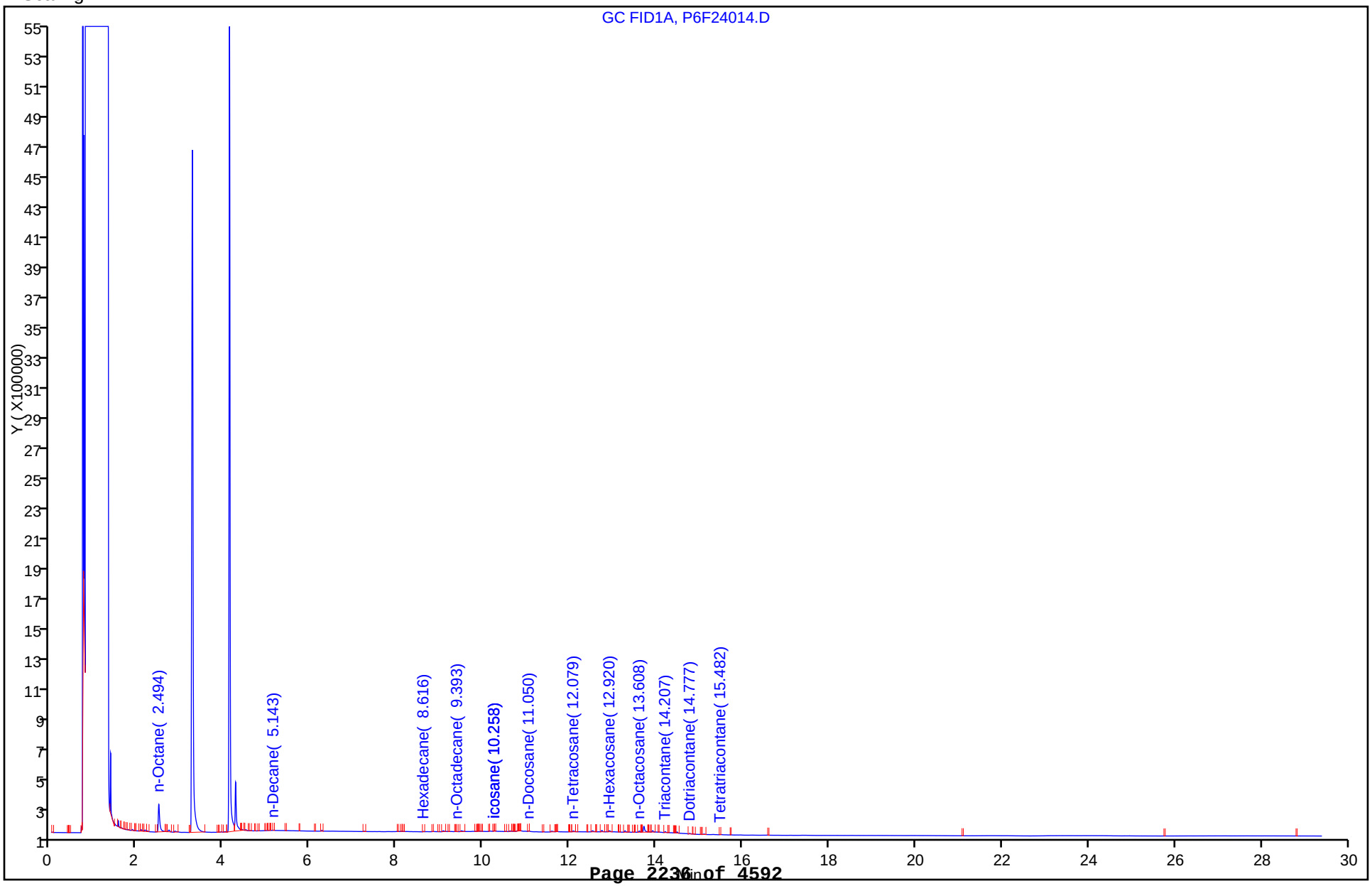
Report Date: 26-Dec-2012 09:44:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24014.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 21:05:40 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0083-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 14 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0084-0001-SO | Lab Sample ID: 240-18703-10

Matrix: Solid | Lab File ID: P6F24015.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 11:30

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.02(g) | Date Analyzed: 12/24/2012 21:44

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 19 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 19 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 60 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24015.D | | |
| Lims ID: | 240-18703-H-10-A | Client ID: | 072SB-0084-0001-SO |
| Inject. Date: | 24-Dec-2012 21:44:58 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-015 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 15 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 15 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:29 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | |
| | 27.042 | 27.289 | -0.247 | 193 | 0 | |
| A | 2 C28-C36 | | | | | |
| | | 13.701 | -16.672 | | | |
| A | 3 C10-C34 | | | | | |
| | 10.316 | 5.154 | - 15.478 | 12364243 | 70.9 | |
| A | 4 C32-C44 | | | | | |
| | | 14.764 | -14.769 | | | |
| A | 5 C12-C22 | | | | | |
| | | 6.554 | - 11.022 | | | |
| A | 6 C22-C32 | | | | | |
| | | 11.022 | -14.764 | | | |
| | 7 n-Octane | | | | | |
| | 2.494 | 2.507 | -0.013 | 388055 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.131 | 4.141 | -0.010 | 8330725 | 60.3 | |
| | 9 n-Decane | | | | | |
| | 5.146 | 5.154 | -0.008 | 1071 | 0 | |
| | 10 Dodecane | | | | | 1 |
| | | 6.554 | | | | |
| | 11 n-Tetradecane | | | | | 1 |
| | | 7.643 | | | | |
| A | 12 C10-C20 | | | | | |
| | | 5.154 | - 10.218 | | | |
| | 13 Hexadecane | | | | | |
| | 8.619 | 8.591 | 0.028 | 2371 | 0 | |
| A | 14 C10-C28 | | | | | |
| | | 5.119 | - 13.701 | | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 5.154 - 13.598 | | | | | |
| 16 n-Octadecane | | | | | 1 |
| 9.443 | | | | | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 9401443 | 53.9 | |
| 18 icosane | | | | | |
| 10.257 | 10.218 | 0.039 | 1278 | 0 | |
| 19 n-Docosane | | | | | |
| 10.992 | 11.022 | -0.030 | 1034 | 0 | |
| A 20 C12-C24 | | | | | |
| 6.554 - 12.063 | | | | | |
| 21 n-Tetracosane | | | | | |
| 12.087 | 12.063 | 0.024 | 871 | 0 | |
| A 22 C20-C34 | | | | | |
| 10.218 -15.478 | | | | | |
| 23 n-Hexacosane | | | | | |
| 12.926 | 12.906 | 0.020 | 6990 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.612 | 13.598 | 0.014 | 3934 | 0 | |
| 25 Triacontane | | | | | |
| 14.208 | 14.198 | 0.010 | 13526 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.778 | 14.764 | 0.014 | 10004 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.484 | 15.478 | 0.006 | 636 | 0 | |
| A 28 C24-C40 | | | | | |
| 12.063 -19.886 | | | | | |
| 29 n-Hexatriacontane | | | | | |
| 16.487 | 16.460 | 0.027 | 428 | 0 | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 -16.460 | | 5972899 | 34.3 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 -27.069 | | 5686526 | 32.6 | |
| A 34 C10-C24 | | | | | |
| 5.154 - 12.063 | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

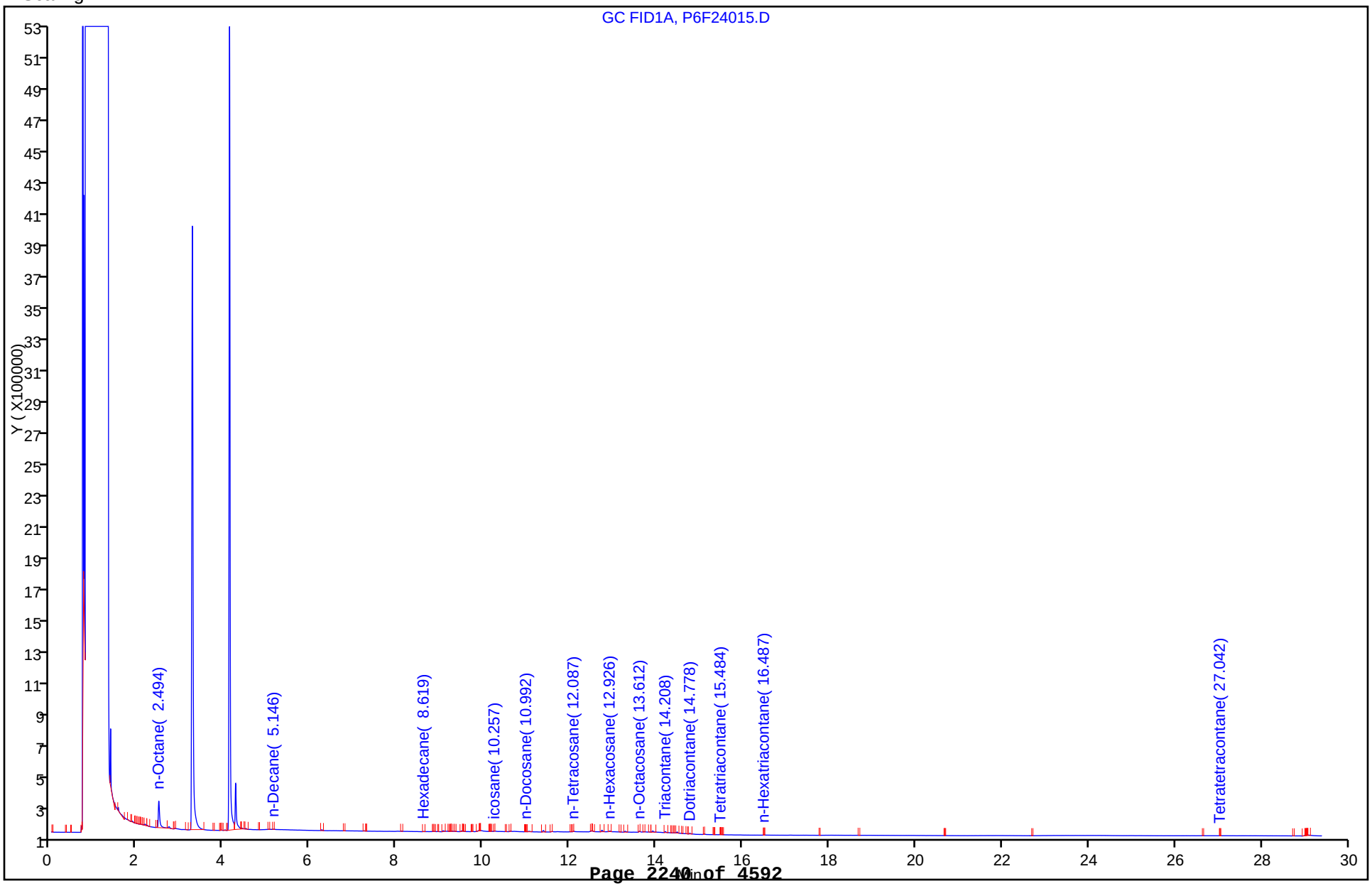
Report Date: 26-Dec-2012 09:44:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24015.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 21:44:58 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0084-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 15 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0085-0001-SO | Lab Sample ID: 240-18703-11

Matrix: Solid | Lab File ID: P6F24016.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 12:05

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.05(g) | Date Analyzed: 12/24/2012 22:23

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 20 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 64 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24016.D | | |
| Lims ID: | 240-18703-H-11-A | Client ID: | 072SB-0085-0001-SO |
| Inject. Date: | 24-Dec-2012 22:23:53 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-016 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 16 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 16 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:29 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 Tetratetracontane | 27.289 | | | | | 1 |
| A 2 C28-C36 | 13.701 | -16.672 | | | | |
| A 3 C10-C34 | 10.316 | 5.154 - 15.478 | | 12861327 | 73.8 | |
| A 4 C32-C44 | 14.764 | -14.769 | | | | |
| A 5 C12-C22 | 6.554 | - 11.022 | | | | |
| A 6 C22-C32 | 11.022 | -14.764 | | | | |
| 7 n-Octane | 2.493 | 2.507 | -0.014 | 402642 | 0 | |
| $ 8 n-Nonane | 4.129 | 4.141 | -0.012 | 8846917 | 64.1 | |
| 9 n-Decane | 5.142 | 5.154 | -0.012 | 639 | 0 | |
| 10 Dodecane | 6.554 | | | | | 1 |
| 11 n-Tetradecane | 7.643 | | | | | 1 |
| A 12 C10-C20 | 5.154 | - 10.218 | | | | |
| 13 Hexadecane | 8.619 | 8.591 | 0.028 | 1896 | 0 | |
| A 14 C10-C28 | 5.119 | - 13.701 | | | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| A | 15 Diesel | 5.154 - 13.598 | | | | |
| | 16 n-Octadecane | 9.443 | | | | 1 |
| A | 17 C10-C32 | 9.959 | 5.154 - 14.764 | 9968837 | 57.2 | |
| | 18 icosane | 10.264 | 10.218 | 0.046 | 2392 | 0 |
| | 19 n-Docosane | 11.061 | 11.022 | 0.039 | 1358 | 0 |
| A | 20 C12-C24 | 6.554 - 12.063 | | | | |
| | 21 n-Tetracosane | 12.086 | 12.063 | 0.023 | 815 | 0 |
| A | 22 C20-C34 | 12.848 | 10.218 | -15.478 | 5270146 | 30.2 |
| | 23 n-Hexacosane | 12.891 | 12.906 | -0.015 | 465 | 0 |
| | 24 n-Octacosane | 13.612 | 13.598 | 0.014 | 5982 | 0 |
| | 25 Triacontane | 14.214 | 14.198 | 0.016 | 7462 | 0 |
| | 26 Dotriacontane | 14.771 | 14.764 | 0.007 | 1360 | 0 |
| | 27 Tetratriacontane | 15.496 | 15.478 | 0.018 | 1092 | 0 |
| A | 28 C24-C40 | 12.063 -19.886 | | | | |
| | 29 n-Hexatriacontane | 16.460 | | | | 1 |
| | 30 C38 | 17.863 | | | | 1 |
| | 31 C40 | 19.886 | | | | 1 |
| A | 32 C20-C36 | 13.339 | 10.218 | -16.460 | 6232162 | 35.7 |
| A | 33 C24-C44 | 12.063 -27.069 | | | | |
| A | 34 C10-C24 | 5.154 - 12.063 | | | | |

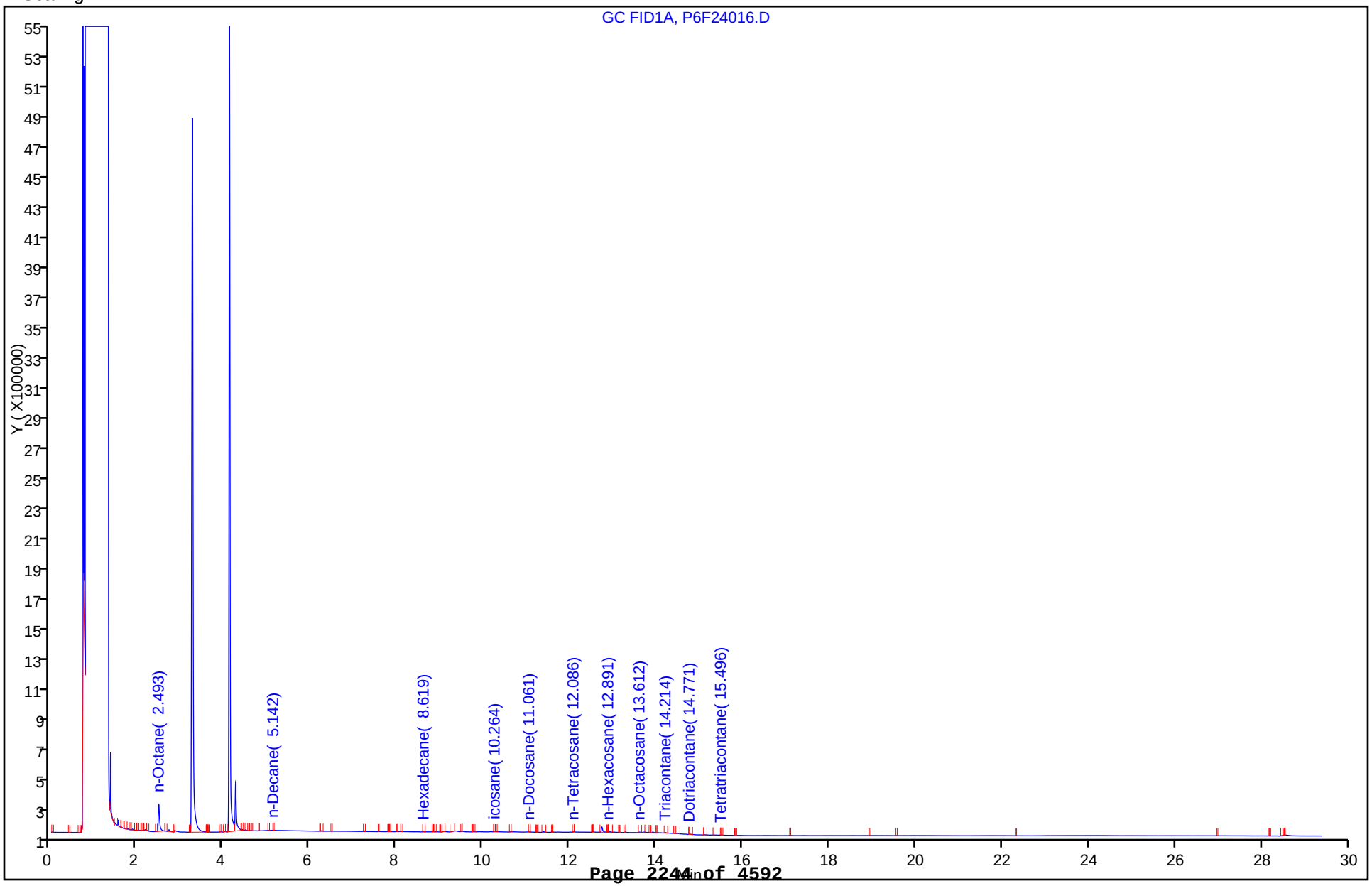
QC Flag Legend

Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 09:44:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24016.D | | |
| Injection Date: | 24-Dec-2012 22:23:53 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0085-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 16 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |
| Y Scaling: | | | |



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0086-0001-SO | Lab Sample ID: 240-18703-12

Matrix: Solid | Lab File ID: P6F24018.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 12:05

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.10(g) | Date Analyzed: 12/24/2012 23:41

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 19 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 19 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 62 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24018.D | | |
| Lims ID: | 240-18703-H-12-A | Client ID: | 072SB-0086-0001-SO |
| Inject. Date: | 24-Dec-2012 23:41:23 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-018 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 18 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 18 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:40 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 Tetratetracontane | 27.289 | | | | | 1 |
| A 2 C28-C36 | 13.701 | -16.672 | | | | |
| A 3 C10-C34 | 10.316 | 5.154 - 15.478 | | 11758033 | 67.4 | |
| A 4 C32-C44 | 14.764 | -14.769 | | | | |
| A 5 C12-C22 | 6.554 | - 11.022 | | | | |
| A 6 C22-C32 | 11.022 | -14.764 | | | | |
| 7 n-Octane | 2.493 | 2.507 | -0.014 | 392829 | 0 | |
| $ 8 n-Nonane | 4.130 | 4.141 | -0.011 | 8556416 | 62.0 | |
| 9 n-Decane | 5.144 | 5.154 | -0.010 | 551 | 0 | |
| 10 Dodecane | 6.554 | | | | | 1 |
| 11 n-Tetradecane | 7.643 | | | | | 1 |
| A 12 C10-C20 | 5.154 | - 10.218 | | | | |
| 13 Hexadecane | 8.590 | 8.591 | -0.001 | 861 | 0 | |
| A 14 C10-C28 | 5.119 | - 13.701 | | | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| A | 15 Diesel | 5.154 - 13.598 | | | | |
| | 16 n-Octadecane | 9.443 | | | | 1 |
| A | 17 C10-C32 | 9.959 | 5.154 - 14.764 | 9342252 | 53.6 | |
| | 18 icosane | 10.265 | 10.218 | 0.047 | 1268 | 0 |
| | 19 n-Docosane | 11.056 | 11.022 | 0.034 | 787 | 0 |
| A | 20 C12-C24 | 6.554 - 12.063 | | | | |
| | 21 n-Tetracosane | 12.091 | 12.063 | 0.028 | 1396 | 0 |
| A | 22 C20-C34 | 10.218 -15.478 | | | | |
| | 23 n-Hexacosane | 12.928 | 12.906 | 0.022 | 8314 | 0 |
| | 24 n-Octacosane | 13.616 | 13.598 | 0.018 | 7429 | 0 |
| | 25 Triacontane | 14.214 | 14.198 | 0.016 | 6585 | 0 |
| | 26 Dotriacontane | 14.785 | 14.764 | 0.021 | 6423 | 0 |
| | 27 Tetratriacontane | 15.497 | 15.478 | 0.019 | 514 | 0 |
| A | 28 C24-C40 | 12.063 -19.886 | | | | |
| | 29 n-Hexatriacontane | 16.477 | 16.460 | 0.017 | 454 | 0 |
| | 30 C38 | 17.863 | | | | 1 |
| | 31 C40 | 19.886 | | | | 1 |
| A | 32 C20-C36 | 13.339 | 10.218 -16.460 | 5728411 | 32.8 | |
| A | 33 C24-C44 | 19.566 | 12.063 -27.069 | 6034380 | 34.6 | |
| A | 34 C10-C24 | 5.154 - 12.063 | | | | |

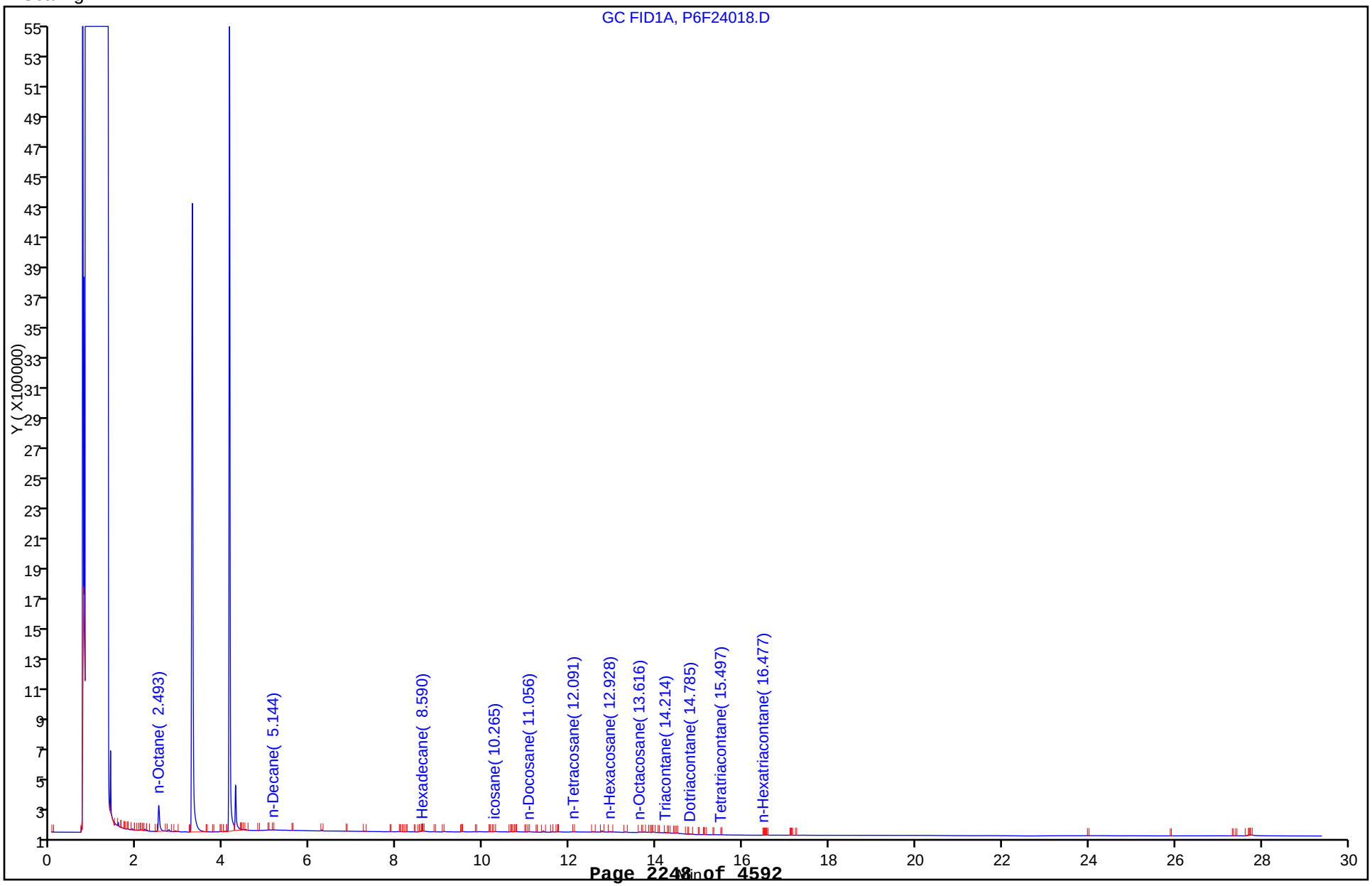
QC Flag Legend

Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 09:44:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24018.D | | |
| Injection Date: | 24-Dec-2012 23:41:23 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0086-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 18 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |
| Y Scaling: | | | |



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0087-0001-SO | Lab Sample ID: 240-18703-13

Matrix: Solid | Lab File ID: P6F24019.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 09:10

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 29.67(g) | Date Analyzed: 12/25/2012 00:20

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 9.9 | U | 18 | 9.9 | 9.9 |
| STL00272 | C20-C34 | 9.9 | U | 18 | 9.9 | 9.9 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 68 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24019.D | | |
| Lims ID: | 240-18703-H-13-A | Client ID: | 072SB-0087-0001-SO |
| Inject. Date: | 25-Dec-2012 00:20:09 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-019 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 19 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 19 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:40 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|---|
| | 1 | Tetratetracontane | | | | | 1 |
| | | 27.289 | | | | | |
| A | 2 | C28-C36 | | | | | |
| | | 13.701 | -16.672 | | | | |
| A | 3 | C10-C34 | | | | | |
| | | 10.316 | 5.154 - 15.478 | | 14355815 | 82.3 | |
| A | 4 | C32-C44 | | | | | |
| | | 14.764 | -14.769 | | | | |
| A | 5 | C12-C22 | | | | | |
| | | 6.554 | - 11.022 | | | | |
| A | 6 | C22-C32 | | | | | |
| | | 11.022 | -14.764 | | | | |
| | 7 | n-Octane | | | | | |
| | | 2.493 | 2.507 | -0.014 | 591531 | 0 | |
| $ | 8 | n-Nonane | | | | | |
| | | 4.130 | 4.141 | -0.011 | 9447291 | 68.4 | |
| | 9 | n-Decane | | | | | |
| | | 5.111 | 5.154 | -0.043 | 6571 | 0 | |
| | 10 | Dodecane | | | | | 1 |
| | | 6.554 | | | | | |
| | 11 | n-Tetradecane | | | | | 1 |
| | | 7.643 | | | | | |
| A | 12 | C10-C20 | | | | | |
| | | 5.154 | - 10.218 | | | | |
| | 13 | Hexadecane | | | | | 1 |
| | | 8.591 | | | | | |
| A | 14 | C10-C28 | | | | | |
| | | 9.410 | 5.119 - 13.701 | | 5568021 | 33.5 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 5503676 | 31.6 | |
| 16 n-Octadecane | | | | | 1 |
| 9.443 | | | | | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 12475408 | 71.5 | |
| 18 icosane | | | | | 1 |
| 10.218 | | | | | |
| 19 n-Docosane | | | | | 1 |
| 11.022 | | | | | |
| A 20 C12-C24 | | | | | |
| 6.554 - 12.063 | | | | | |
| 21 n-Tetracosane | | | | | 1 |
| 12.063 | | | | | |
| A 22 C20-C34 | | | | | |
| 10.218 -15.478 | | | | | |
| 23 n-Hexacosane | | | | | 1 |
| 12.906 | | | | | |
| 24 n-Octacosane | | | | | |
| 13.624 | 13.598 | 0.026 | 600 | 0 | |
| 25 Triacontane | | | | | |
| 14.221 | 14.198 | 0.023 | 990 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.779 | 14.764 | 0.015 | 487 | 0 | |
| 27 Tetratriacontane | | | | | 1 |
| 15.478 | | | | | |
| A 28 C24-C40 | | | | | |
| 12.063 -19.886 | | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| 16.460 | | | | | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 -16.460 | | 5884250 | 33.7 | |
| A 33 C24-C44 | | | | | |
| 12.063 -27.069 | | | | | |
| A 34 C10-C24 | | | | | |
| 5.154 - 12.063 | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

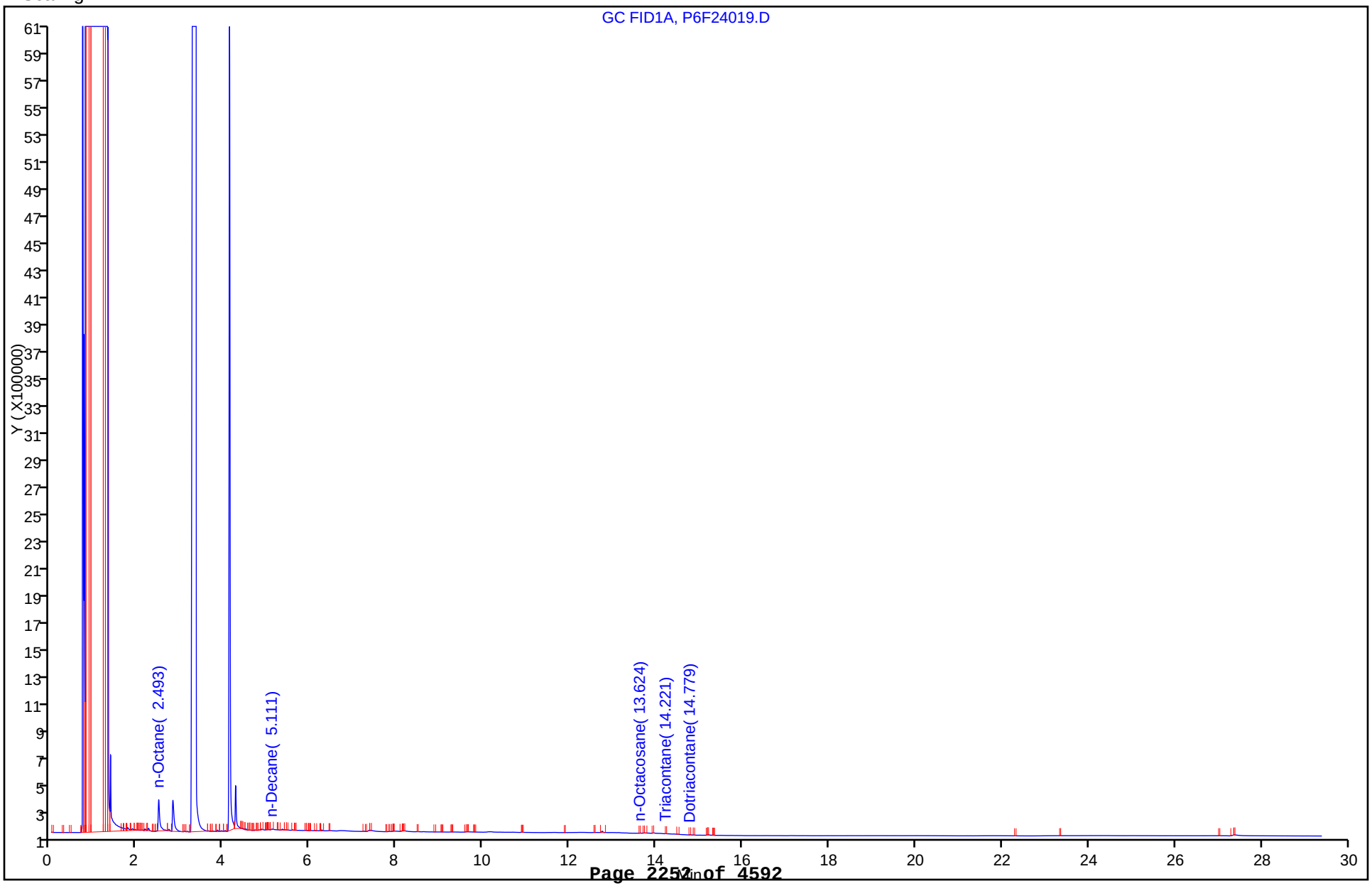
Report Date: 26-Dec-2012 09:44:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24019.D

| | | | |
|---|---|---|---|
| Injection Date: | 25-Dec-2012 00:20:09 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0087-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 19 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0088-0001-SO | Lab Sample ID: 240-18703-14

Matrix: Solid | Lab File ID: P6F24026.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 09:30

Extraction Method: 3540C | Date Extracted: 12/21/2012 11:38

Sample wt/vol: 30.31(g) | Date Analyzed: 12/25/2012 04:51

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 10 | U | 18 | 10 | 10 |
| STL00272 | C20-C34 | 11 | J | 18 | 10 | 10 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 53 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24026.D | | |
| Lims ID: | 240-18703-H-14-B | Client ID: | 072SB-0088-0001-SO |
| Inject. Date: | 25-Dec-2012 04:51:50 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-026 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 26 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 26 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:40 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 15.186 | 13.701 | -16.672 | 8686366 | 52.3 | |
| A | 3 C10-C34 | | | | | |
| | 10.316 | 5.154 | - 15.478 | 18922710 | 108.5 | |
| A | 4 C32-C44 | | | | | |
| | | 14.764 | -14.769 | | | |
| A | 5 C12-C22 | | | | | |
| | | 6.554 | - 11.022 | | | |
| A | 6 C22-C32 | | | | | |
| | 12.893 | 11.022 | -14.764 | 8736935 | 50.1 | |
| 7 | n-Octane | | | | | |
| | 2.494 | 2.507 | -0.013 | 205631 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.130 | 4.141 | -0.011 | 7371859 | 53.4 | |
| 9 | n-Decane | | | | | |
| | 5.145 | 5.154 | -0.009 | 1186 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.589 | 6.554 | 0.035 | 383 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.605 | 7.643 | -0.038 | 1342 | 0 | |
| A | 12 C10-C20 | | | | | |
| | | 5.154 | - 10.218 | | | |
| 13 | Hexadecane | | | | | |
| | 8.609 | 8.591 | 0.018 | 24551 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.410 | 5.119 | - 13.701 | 12519573 | 75.3 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 11886330 | 68.2 | |
| 16 n-Octadecane | | | | | |
| 9.450 | 9.443 | 0.007 | 11611 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 17539728 | 100.6 | |
| 18 icosane | | | | | |
| 10.221 | 10.218 | 0.003 | 20974 | 0 | |
| 19 n-Docosane | | | | | |
| 11.021 | 11.022 | -0.001 | 13887 | 0 | |
| A 20 C12-C24 | | | | | |
| 9.309 | 6.554 - 12.063 | | 5422314 | 31.1 | |
| 21 n-Tetracosane | | | | | |
| 12.063 | 12.063 | 0.000 | 2048 | 0 | |
| A 22 C20-C34 | | | | | |
| 12.848 | 10.218 - 15.478 | | 11049358 | 63.4 | |
| 23 n-Hexacosane | | | | | |
| 12.908 | 12.906 | 0.002 | 5409 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.596 | 13.598 | -0.002 | 37502 | 0 | |
| 25 Triacontane | | | | | |
| 14.194 | 14.198 | -0.004 | 15024 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.761 | 14.764 | -0.003 | 10146 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.511 | 15.478 | 0.033 | 4926 | 0 | |
| A 28 C24-C40 | | | | | |
| 15.975 | 12.063 - 19.886 | | 21475015 | 123.1 | |
| 29 n-Hexatriacontane | | | | | |
| 16.436 | 16.460 | -0.024 | 358 | 0 | |
| 30 C38 | | | | | |
| 17.868 | 17.863 | 0.005 | 451 | 0 | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 - 16.460 | | 20824666 | 119.4 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 - 27.069 | | 25007292 | 143.4 | |
| A 34 C10-C24 | | | | | |
| 8.609 | 5.154 - 12.063 | | 5653487 | 32.4 | |

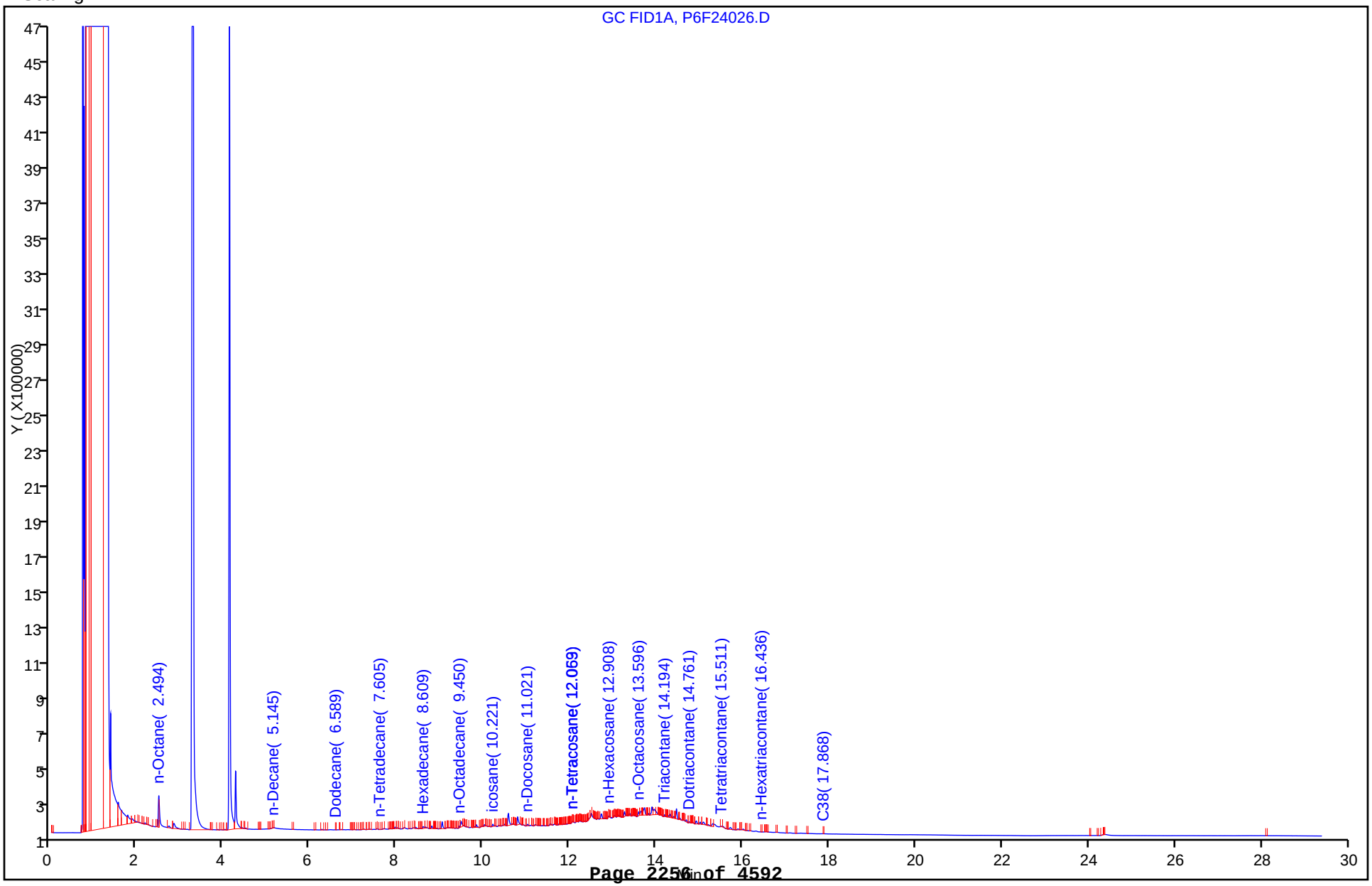
QC Flag Legend

Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 09:44:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24026.D | | |
| Injection Date: | 25-Dec-2012 04:51:50 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0088-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 26 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |
| Y Scaling: | | | |

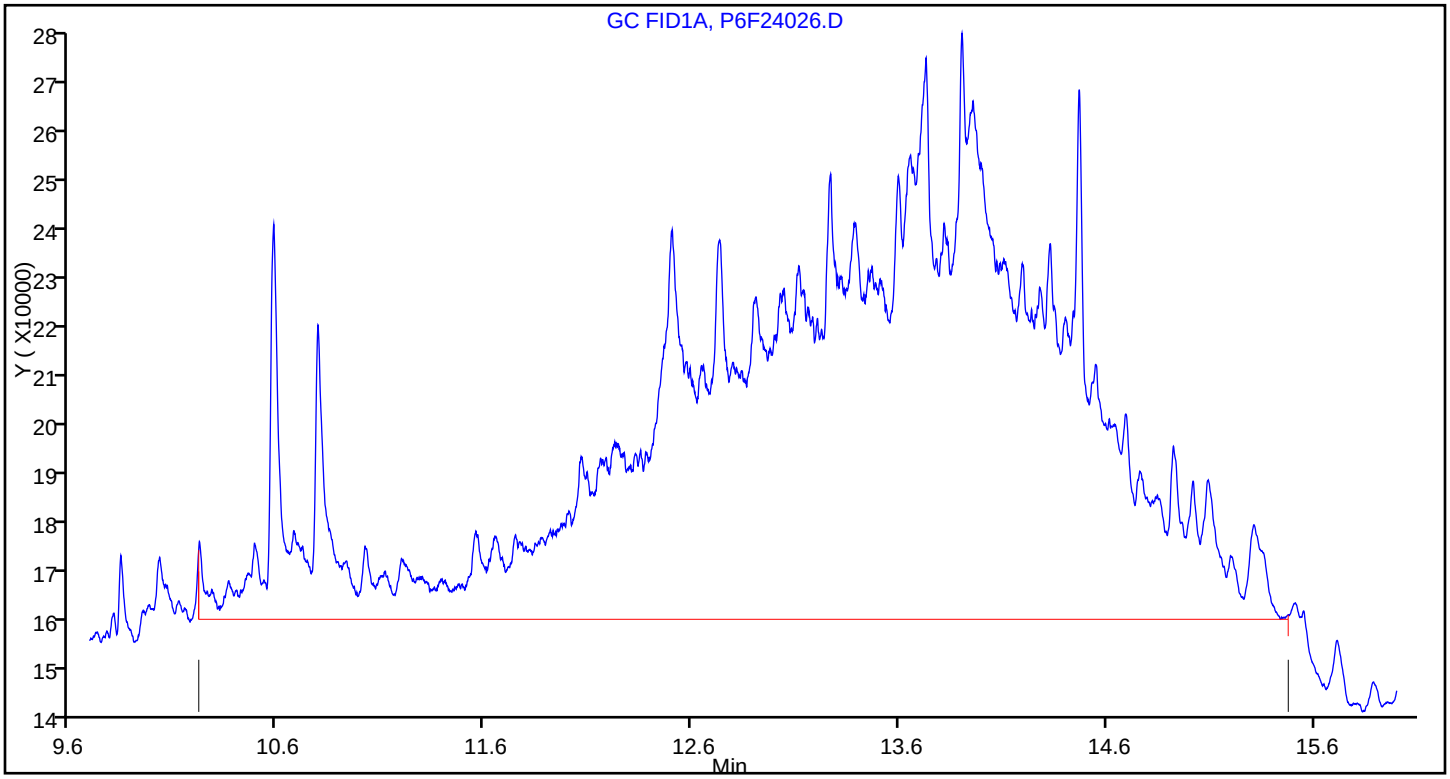


Report Date: 26-Dec-2012 09:44:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24026.D | | |
| Injection Date: | 25-Dec-2012 04:51:50 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0088-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 26 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

A 22 C20-C34, Detector: 1, GC FID1A



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0089-0001-SO | Lab Sample ID: 240-18703-15

Matrix: Solid | Lab File ID: P6F24027.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 09:40

Extraction Method: 3540C | Date Extracted: 12/21/2012 11:38

Sample wt/vol: 30.39(g) | Date Analyzed: 12/25/2012 05:30

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 10 | U | 18 | 10 | 10 |
| STL00272 | C20-C34 | 10 | U | 18 | 10 | 10 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 59 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24027.D | | |
| Lims ID: | 240-18703-H-15-B | Client ID: | 072SB-0089-0001-SO |
| Inject. Date: | 25-Dec-2012 05:30:37 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016152-027 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 27 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 27 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:40 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A 2 | C28-C36 | | | | | |
| | 13.701 | -16.672 | | | | |
| A 3 | C10-C34 | | | | | |
| | 10.316 | 5.154 - 15.478 | | 7206206 | 41.3 | |
| A 4 | C32-C44 | | | | | |
| | 14.764 | -14.769 | | | | |
| A 5 | C12-C22 | | | | | |
| | 6.554 | - 11.022 | | | | |
| A 6 | C22-C32 | | | | | |
| | 11.022 | -14.764 | | | | |
| 7 | n-Octane | | | | | |
| | 2.493 | 2.507 | -0.014 | 454724 | 0 | |
| $ 8 | n-Nonane | | | | | |
| | 4.129 | 4.141 | -0.012 | 8106804 | 58.7 | |
| 9 | n-Decane | | | | | |
| | 5.146 | 5.154 | -0.008 | 961 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.561 | 6.554 | 0.007 | 355 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.647 | 7.643 | 0.004 | 556 | 0 | |
| A 12 | C10-C20 | | | | | |
| | 5.154 | - 10.218 | | | | |
| 13 | Hexadecane | | | | | |
| | 8.569 | 8.591 | -0.022 | 629 | 0 | |
| A 14 | C10-C28 | | | | | |
| | 5.119 | - 13.701 | | | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 5.154 - 13.598 | | | | | |
| 16 n-Octadecane | | | | | |
| 9.482 | 9.443 | 0.039 | 37836 | 0 | |
| A 17 C10-C32 | | | | | |
| 5.154 - 14.764 | | | | | |
| 18 icosane | | | | | |
| 10.234 | 10.218 | 0.016 | 14561 | 0 | |
| 19 n-Docosane | | | | | |
| 11.029 | 11.022 | 0.007 | 2462 | 0 | |
| A 20 C12-C24 | | | | | |
| 6.554 - 12.063 | | | | | |
| 21 n-Tetracosane | | | | | |
| 12.068 | 12.063 | 0.005 | 3887 | 0 | |
| A 22 C20-C34 | | | | | |
| 10.218 -15.478 | | | | | |
| 23 n-Hexacosane | | | | | |
| 12.911 | 12.906 | 0.005 | 14318 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.601 | 13.598 | 0.003 | 47411 | 0 | |
| 25 Triacontane | | | | | |
| 14.196 | 14.198 | -0.002 | 14633 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.765 | 14.764 | 0.001 | 9681 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.465 | 15.478 | -0.013 | 1018 | 0 | |
| A 28 C24-C40 | | | | | |
| 15.975 | 12.063 -19.886 | | 9309023 | 53.4 | |
| 29 n-Hexatriacontane | | | | | 1 |
| 16.460 | | | | | |
| 30 C38 | | | | | |
| 17.876 | 17.863 | 0.013 | 438 | 0 | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 -16.460 | | 9280621 | 53.2 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 -27.069 | | 11952667 | 68.5 | |
| A 34 C10-C24 | | | | | |
| 5.154 - 12.063 | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

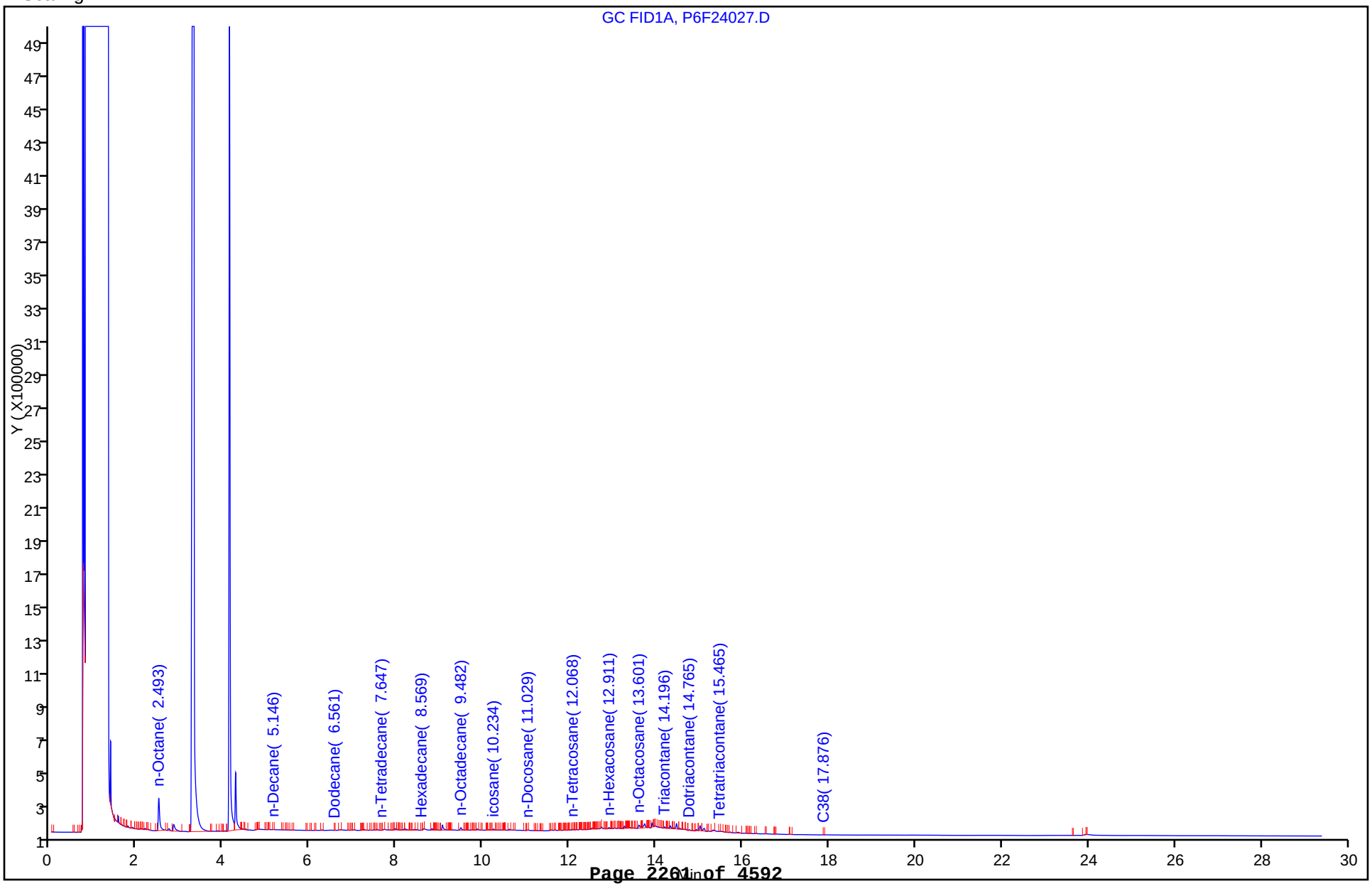
Report Date: 26-Dec-2012 09:44:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24027.D

| | | | |
|---|---|---|---|
| Injection Date: | 25-Dec-2012 05:30:37 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0089-0001-SO | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 27 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0090-0001-SO | Lab Sample ID: 240-18703-16

Matrix: Solid | Lab File ID: P5F10008.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 09:55

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 30.36(g) | Date Analyzed: 12/27/2012 14:45

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 10 | U | 18 | 10 | 10 |
| STL00272 | C20-C34 | 14 | J | 18 | 10 | 10 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 48 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10008.D | | |
| Lims ID: | 240-18703-H-16-B | Client ID: | 072SB-0090-0001-SO |
| Inject. Date: | 27-Dec-2012 14:45:06 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-008 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 8 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 8 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| $ | 8 n-Nonane | | | | | |
| | 4.234 | 4.246 | -0.012 | 9335830 | 48.1 | |
| A | 12 C10-C20 | | | | | |
| | | 5.234 - | 10.223 | | | |
| A | 15 Diesel | | | | | |
| | 9.421 | 5.234 - | 13.608 | 13641264 | 74.1 | |
| A | 22 C20-C34 | | | | | |
| | 12.934 | 10.223 - | 15.580 | 13867229 | 75.3 | |

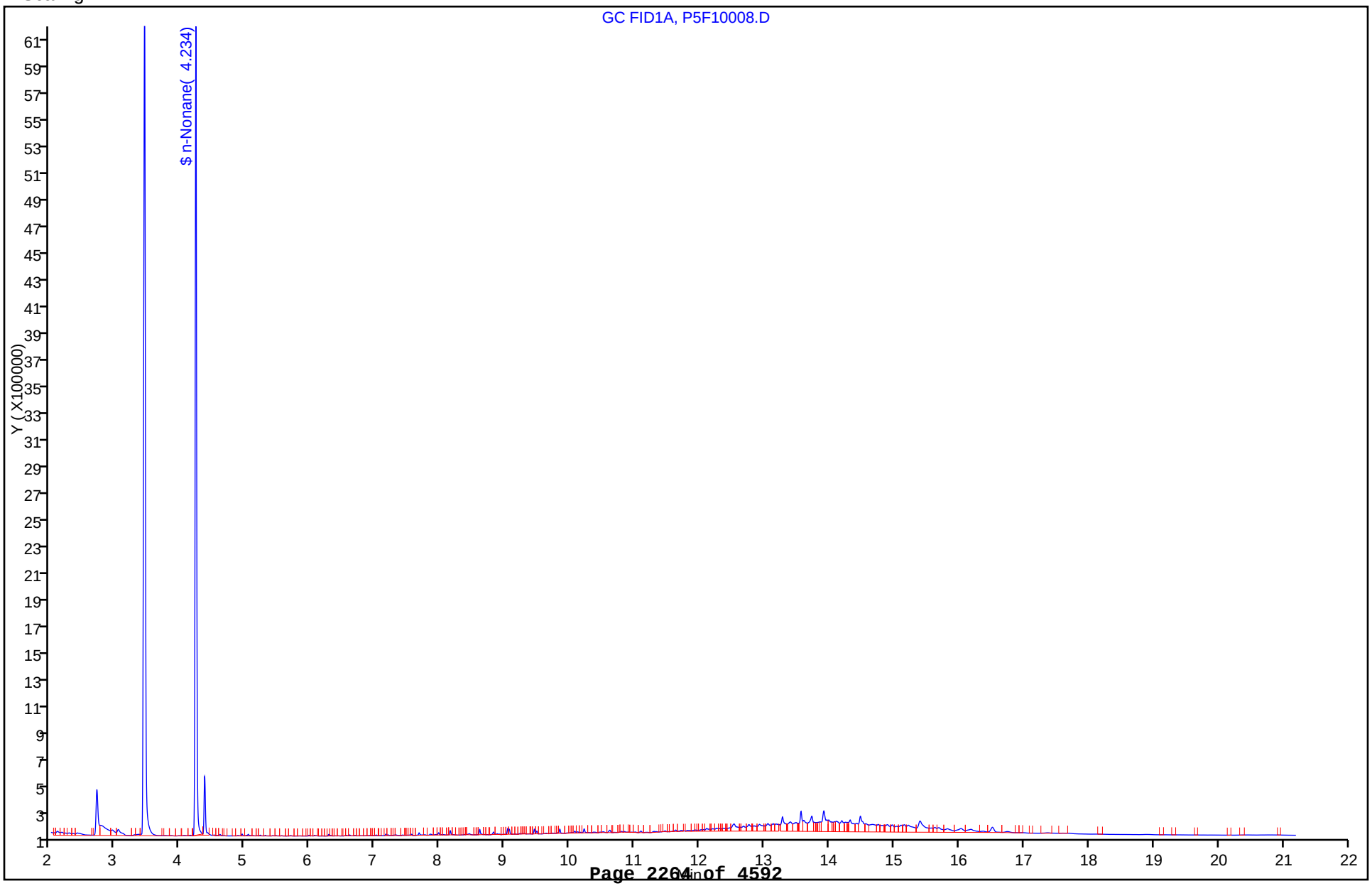
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10008.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 14:45:06 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0090-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 8 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:

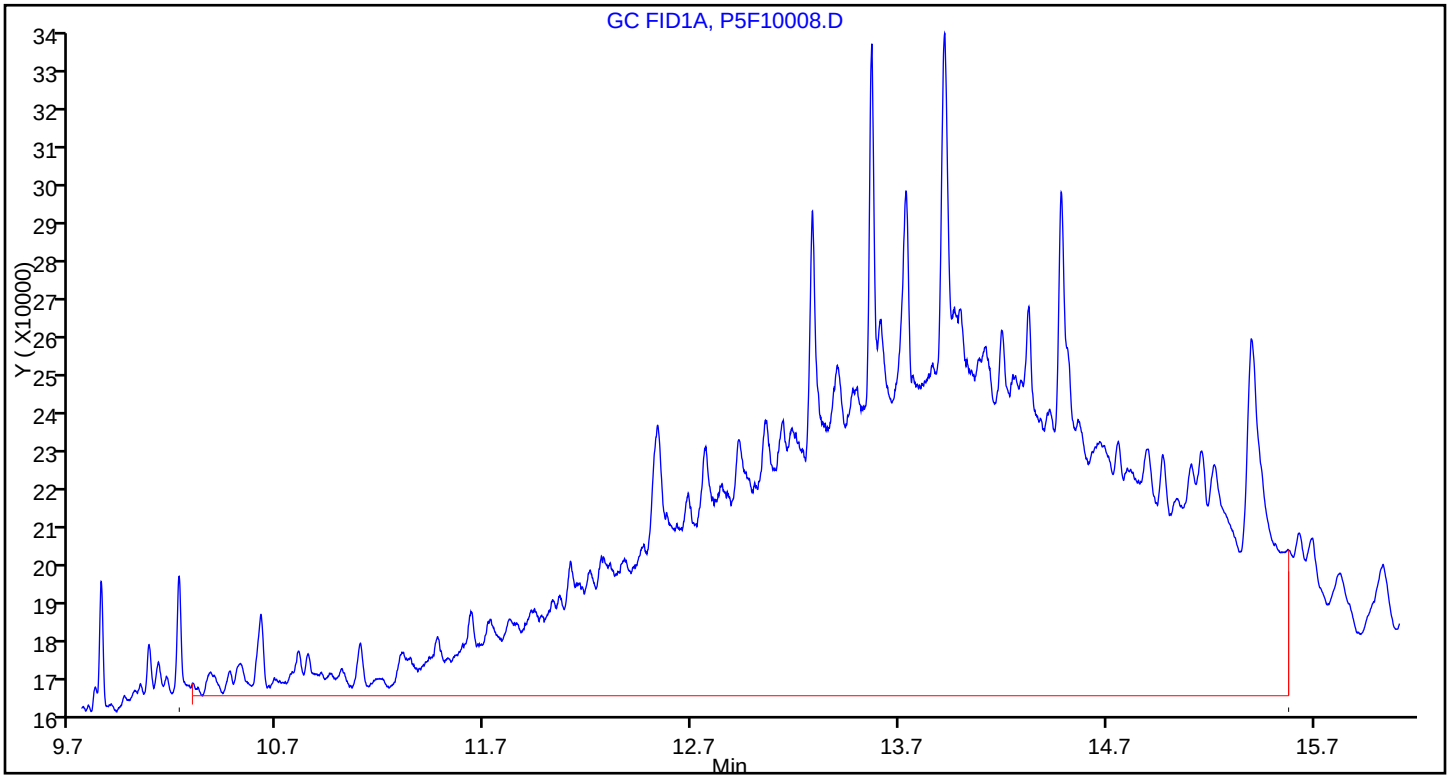


Report Date: 28-Dec-2012 09:49:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10008.D | | |
| Injection Date: | 27-Dec-2012 14:45:06 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0090-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 8 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

A 22 C20-C34, Detector: 1, GC FID1A



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0091-0001-SO | Lab Sample ID: 240-18703-17

Matrix: Solid | Lab File ID: P5F10009.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 12:25

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 29.59(g) | Date Analyzed: 12/27/2012 15:15

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 19 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 19 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 49 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10009.D | | |
| Lims ID: | 240-18703-H-17-B | Client ID: | 072SB-0091-0001-SO |
| Inject. Date: | 27-Dec-2012 15:15:21 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-009 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 9 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 9 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.234 | 4.246 | -0.012 | 9449756 | 48.7 | |
| A 12 C10-C20 | | | | | |
| 5.234 - 10.223 | | | | | |
| A 15 Diesel | | | | | |
| 5.234 - 13.608 | | | | | |
| A 22 C20-C34 | | | | | |
| 10.223 - 15.580 | | | | | |

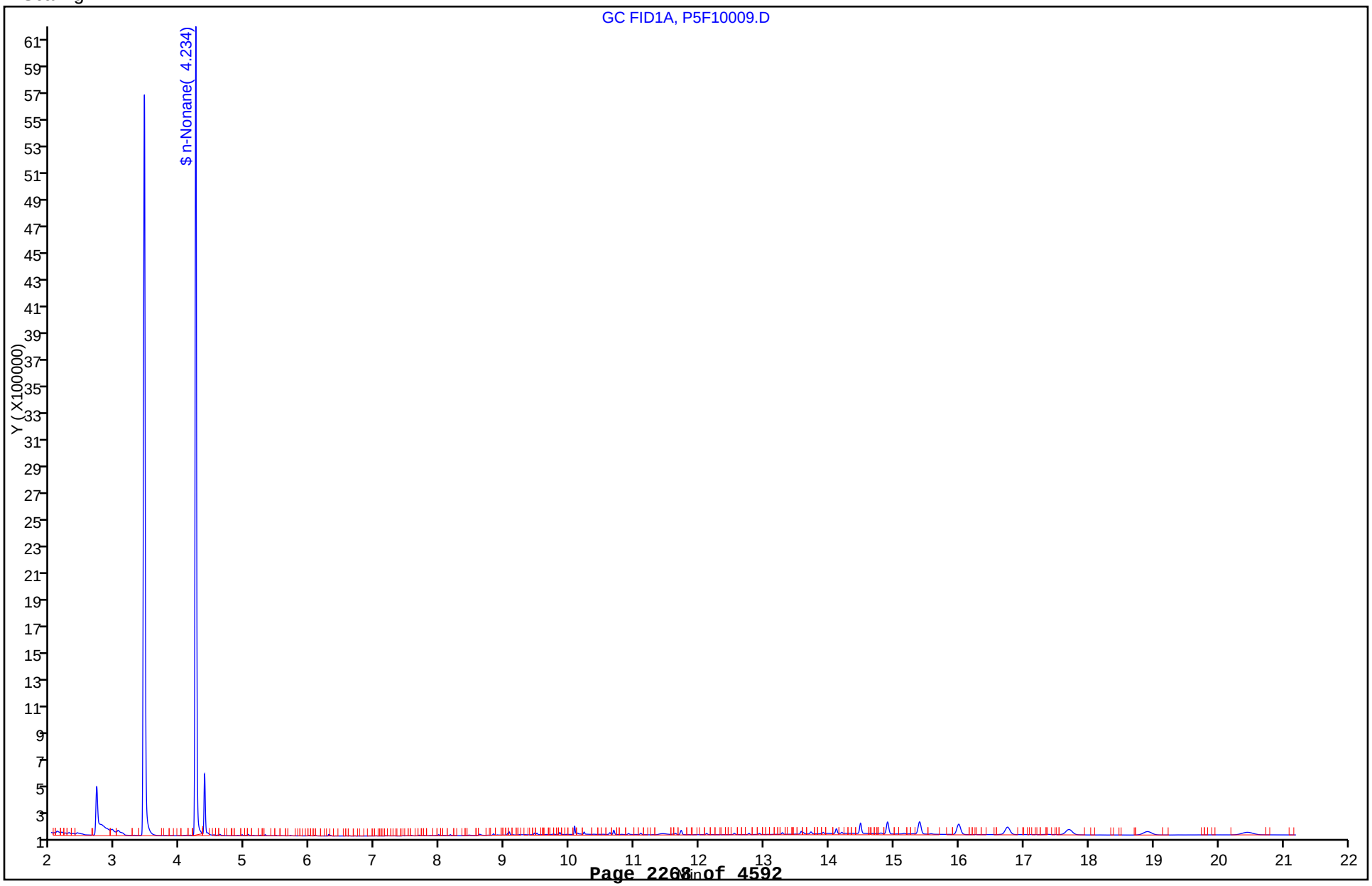
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10009.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 15:15:21 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0091-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 9 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: P5F10010.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 13:45

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 29.55(g) | Date Analyzed: 12/27/2012 15:45

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 19 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 19 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 47 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10010.D | | |
| Lims ID: | 240-18703-K-18-E | Client ID: | 072SB-0075-0001-SO |
| Inject. Date: | 27-Dec-2012 15:45:26 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-010 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 10 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 10 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| $ | 8 n-Nonane | | | | | |
| | 4.232 | 4.246 | -0.014 | 9100676 | 46.9 | |
| A | 12 C10-C20 | | | | | |
| | | 5.234 - 10.223 | | | | |
| A | 15 Diesel | | | | | |
| | | 5.234 - 13.608 | | | | |
| A | 22 C20-C34 | | | | | |
| | 12.963 | 10.223 - | 15.580 | 5873704 | 31.9 | |

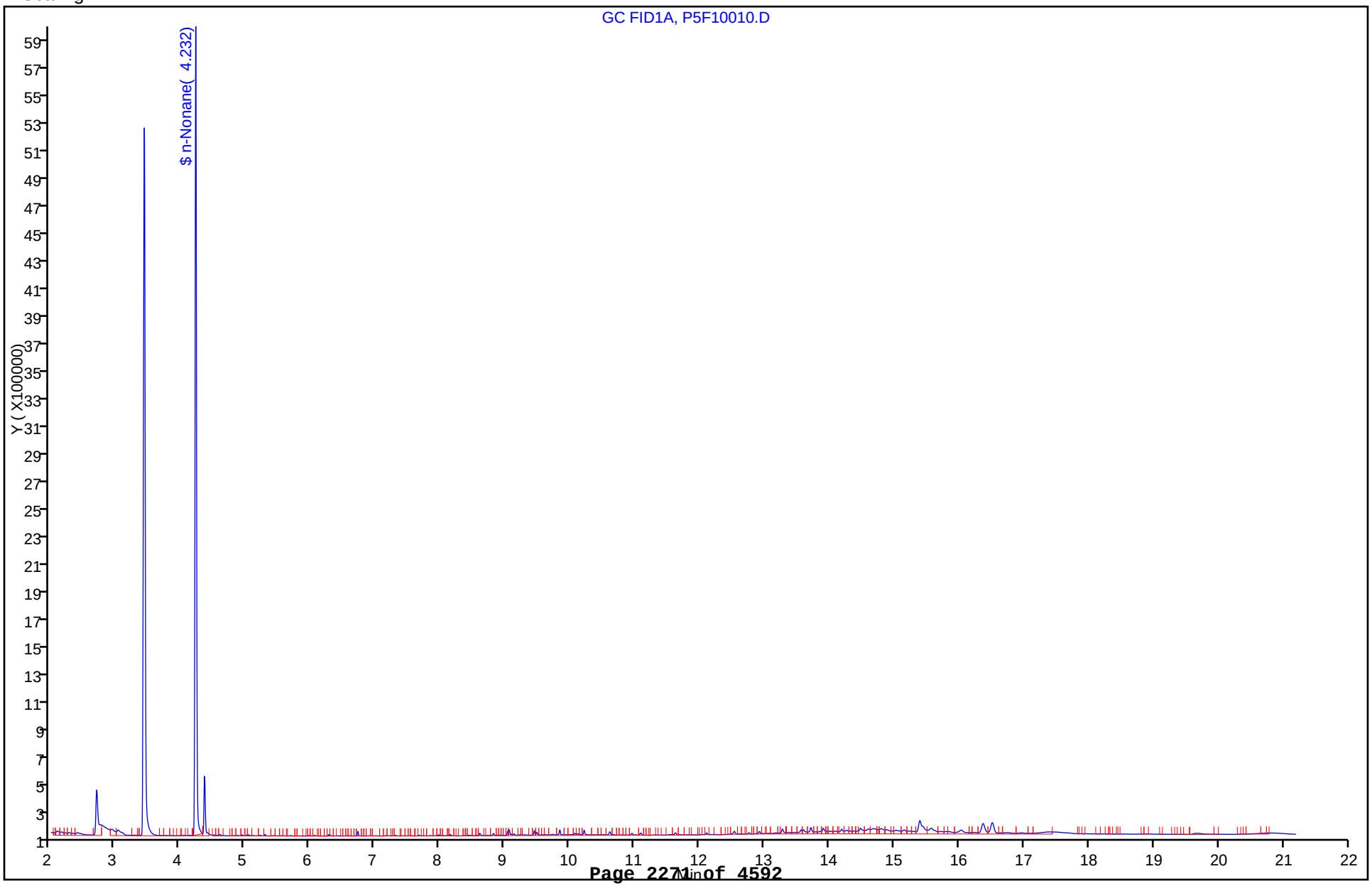
Report Date: 28-Dec-2012 09:49:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10010.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 15:45:26 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0075-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 10 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: P5F10011.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 14:00

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 30.35(g) | Date Analyzed: 12/27/2012 16:15

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 20 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 50 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10011.D | | |
| Lims ID: | 240-18703-I-19-C | Client ID: | 072SB-0076-0001-SO |
| Inject. Date: | 27-Dec-2012 16:15:55 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-011 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 11 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 11 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.230 | 4.246 | -0.016 | 9775777 | 50.4 | |
| A 12 C10-C20 | | | | | |
| | 5.234 - 10.223 | | | | |
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 8891058 | 48.3 | |
| A 22 C20-C34 | | | | | |
| 12.945 | 10.223 - 15.580 | | 9386850 | 51.0 | |

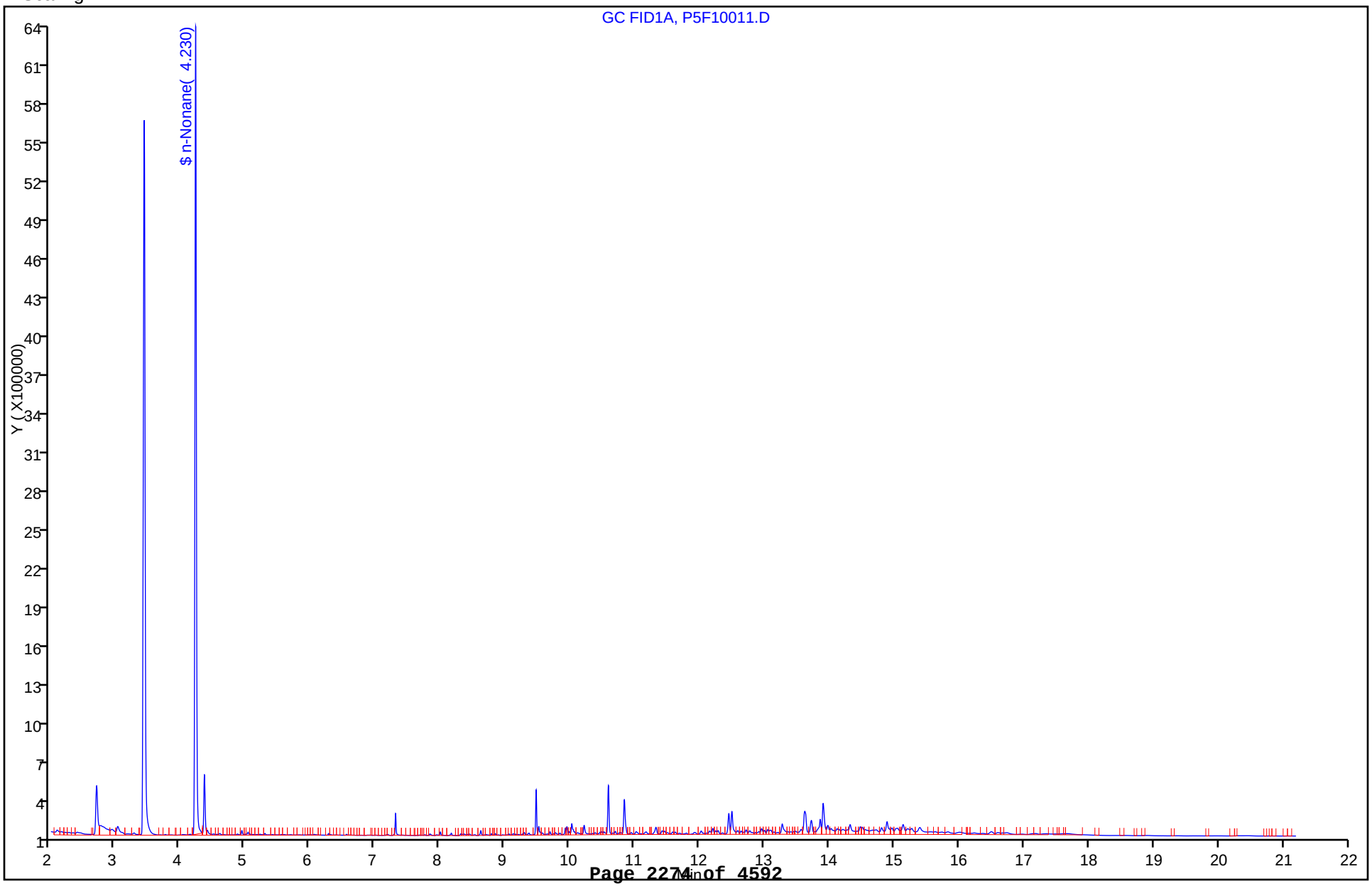
Report Date: 28-Dec-2012 09:49:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10011.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 16:15:55 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0076-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 11 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO | Lab Sample ID: 240-18703-20

Matrix: Solid | Lab File ID: P5F10012.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 14:00

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 29.82(g) | Date Analyzed: 12/27/2012 16:45

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 17.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 20 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 49 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10012.D | | |
| Lims ID: | 240-18703-I-20-B | Client ID: | 072SB-0077-0001-SO |
| Inject. Date: | 27-Dec-2012 16:45:50 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-012 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 12 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 12 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.231 | 4.246 | -0.015 | 9549091 | 49.2 | |
| A 12 C10-C20 | | | | | |
| 5.234 - 10.223 | | | | | |
| A 15 Diesel | | | | | |
| 5.234 - 13.608 | | | | | |
| A 22 C20-C34 | | | | | |
| 10.223 - 15.580 | | | | | |

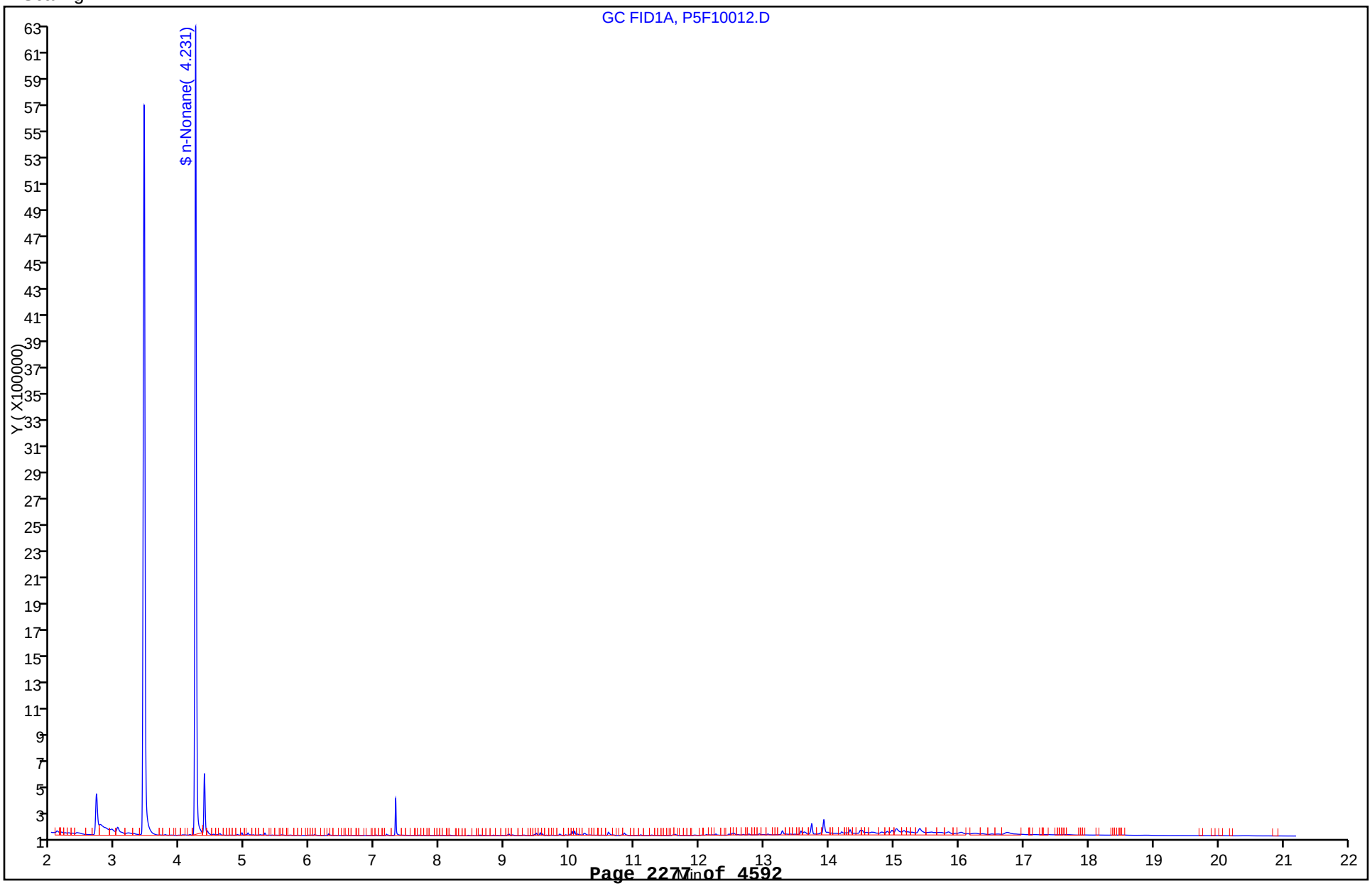
Report Date: 28-Dec-2012 09:49:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10012.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 16:45:50 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0077-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 12 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: P5F10013.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 14:20

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 30.20(g) | Date Analyzed: 12/27/2012 17:16

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 12 | U | 22 | 12 | 12 |
| STL00272 | C20-C34 | 12 | U | 22 | 12 | 12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 43 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10013.D | | |
| Lims ID: | 240-18703-H-21-B | Client ID: | 072SB-0079-0001-SO |
| Inject. Date: | 27-Dec-2012 17:16:34 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-013 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 13 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 13 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| $ | 8 n-Nonane | | | | | |
| | 4.235 | 4.246 | -0.011 | 8356911 | 43.1 | |
| A | 12 C10-C20 | | | | | |
| | | 5.234 - | 10.223 | | | |
| A | 15 Diesel | | | | | |
| | 9.421 | 5.234 - | 13.608 | 5894140 | 32.0 | |
| A | 22 C20-C34 | | | | | |
| | 12.902 | 10.223 - | 15.580 | 6388700 | 34.7 | |

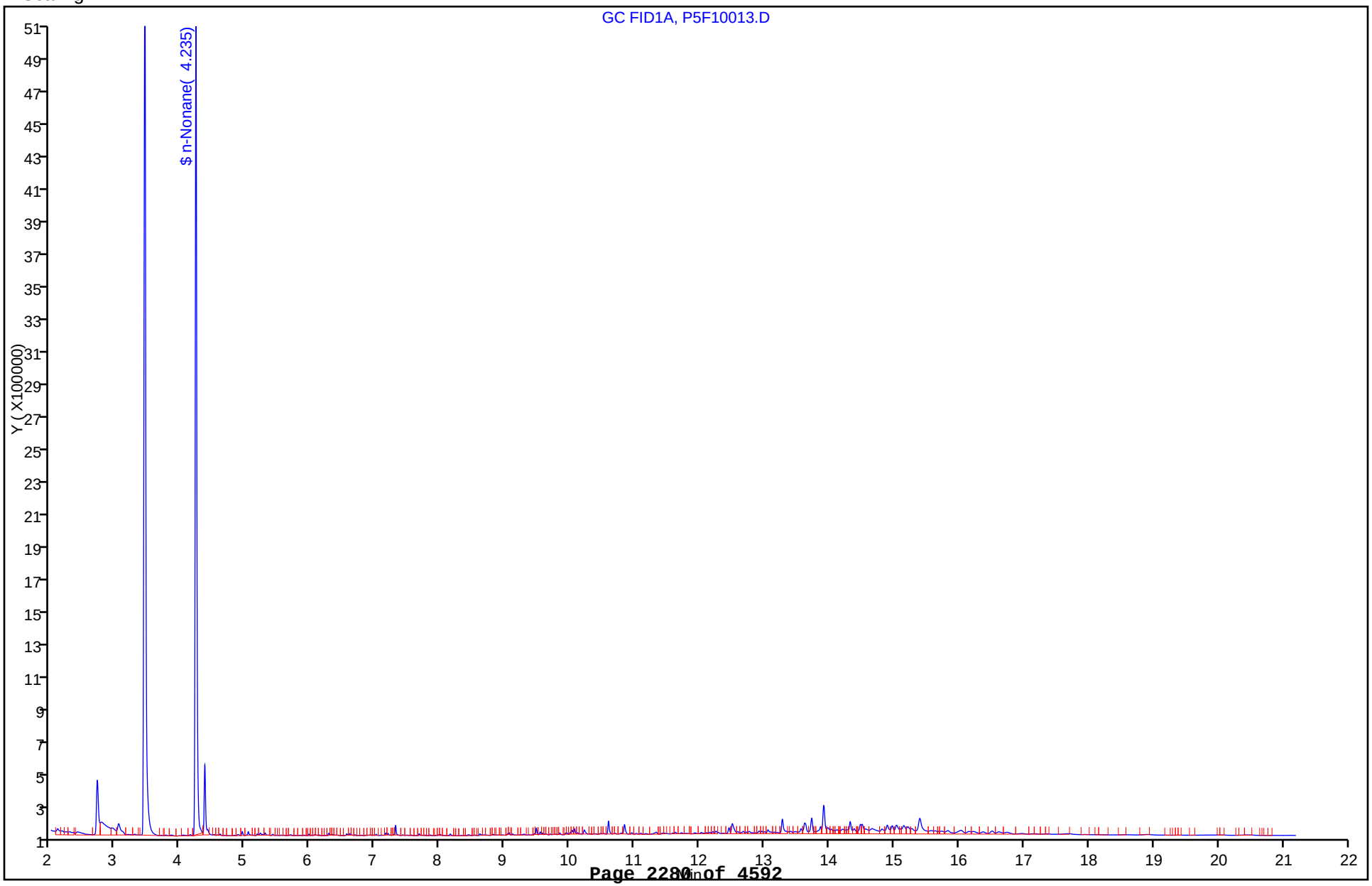
Report Date: 28-Dec-2012 09:49:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10013.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 17:16:34 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0079-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 13 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO Lab Sample ID: 240-18703-22

Matrix: Solid Lab File ID: P5F10014.D

Analysis Method: 8015B_DRO/DOD Date Collected: 12/10/2012 15:16

Extraction Method: 3540C Date Extracted: 12/24/2012 09:40

Sample wt/vol: 29.75(g) Date Analyzed: 12/27/2012 17:46

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: 15.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 11 | U | 20 | 11 | 11 |
| STL00272 | C20-C34 | 11 | U | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 48 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10014.D | | |
| Lims ID: | 240-18703-H-22-B | Client ID: | 072SB-0080-0001-SO |
| Inject. Date: | 27-Dec-2012 17:46:32 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-014 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 14 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 14 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.234 | 4.246 | -0.012 | 9379089 | 48.3 | |
| A 12 C10-C20 | | | | | |
| | 5.234 - 10.223 | | | | |
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 7572737 | 41.1 | |
| A 22 C20-C34 | | | | | |
| | 10.223 -15.580 | | | | |

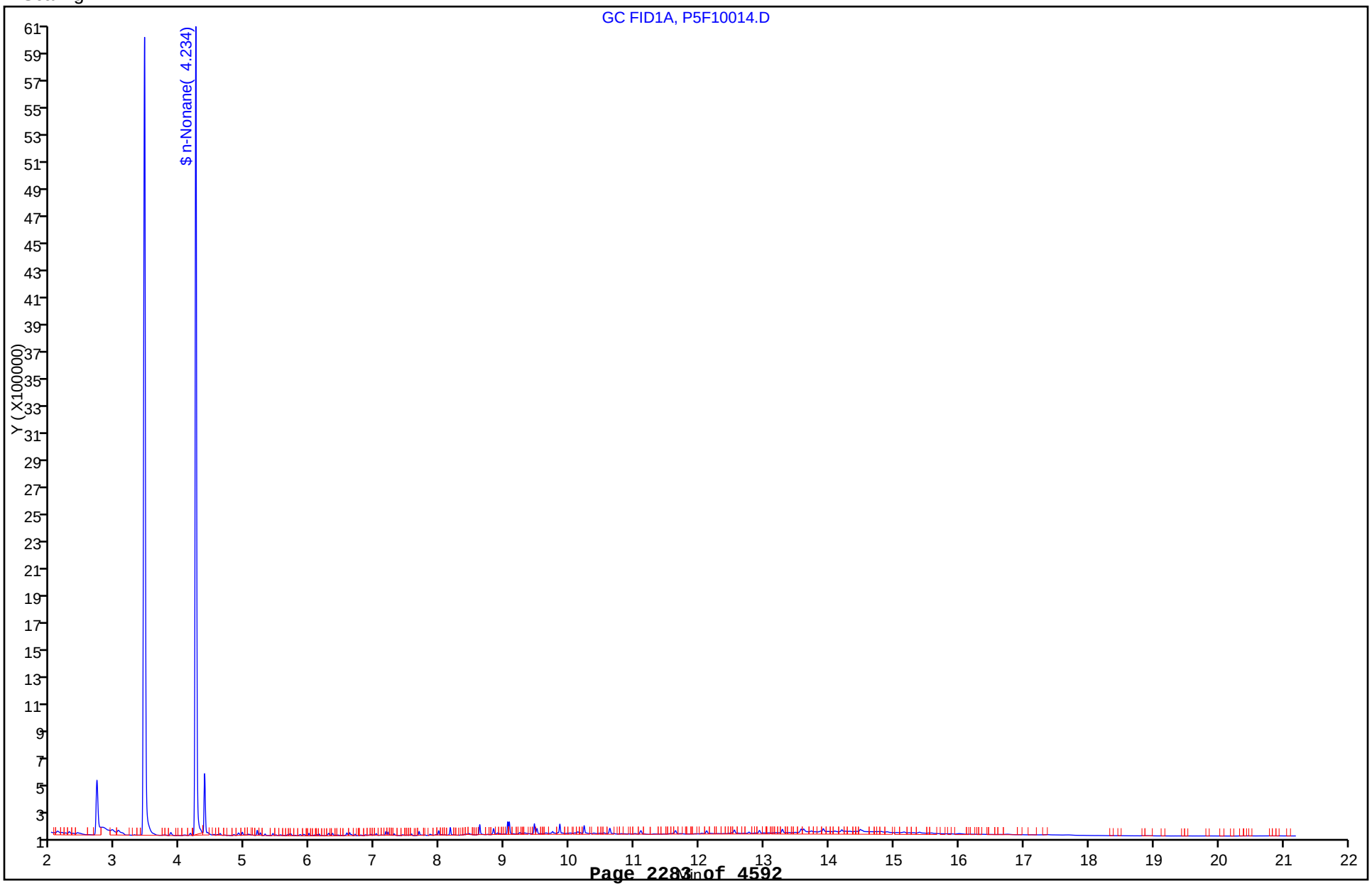
Report Date: 28-Dec-2012 09:49:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10014.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 17:46:32 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0080-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 14 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO | Lab Sample ID: 240-18703-23

Matrix: Solid | Lab File ID: P5F10015.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 14:50

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 30.49(g) | Date Analyzed: 12/27/2012 18:17

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 10 | U | 19 | 10 | 10 |
| STL00272 | C20-C34 | 10 | U | 19 | 10 | 10 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 54 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10015.D | | |
| Lims ID: | 240-18703-H-23-A | Client ID: | 072SB-0081-0001-SO |
| Inject. Date: | 27-Dec-2012 18:17:15 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016193-015 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 15 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 15 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.238 | 4.246 | -0.008 | 10527070 | 54.2 | |
| A 12 C10-C20 | | | | | |
| | 5.234 - 10.223 | | | | |
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 5694960 | 30.9 | |
| A 22 C20-C34 | | | | | |
| | 10.223 -15.580 | | | | |

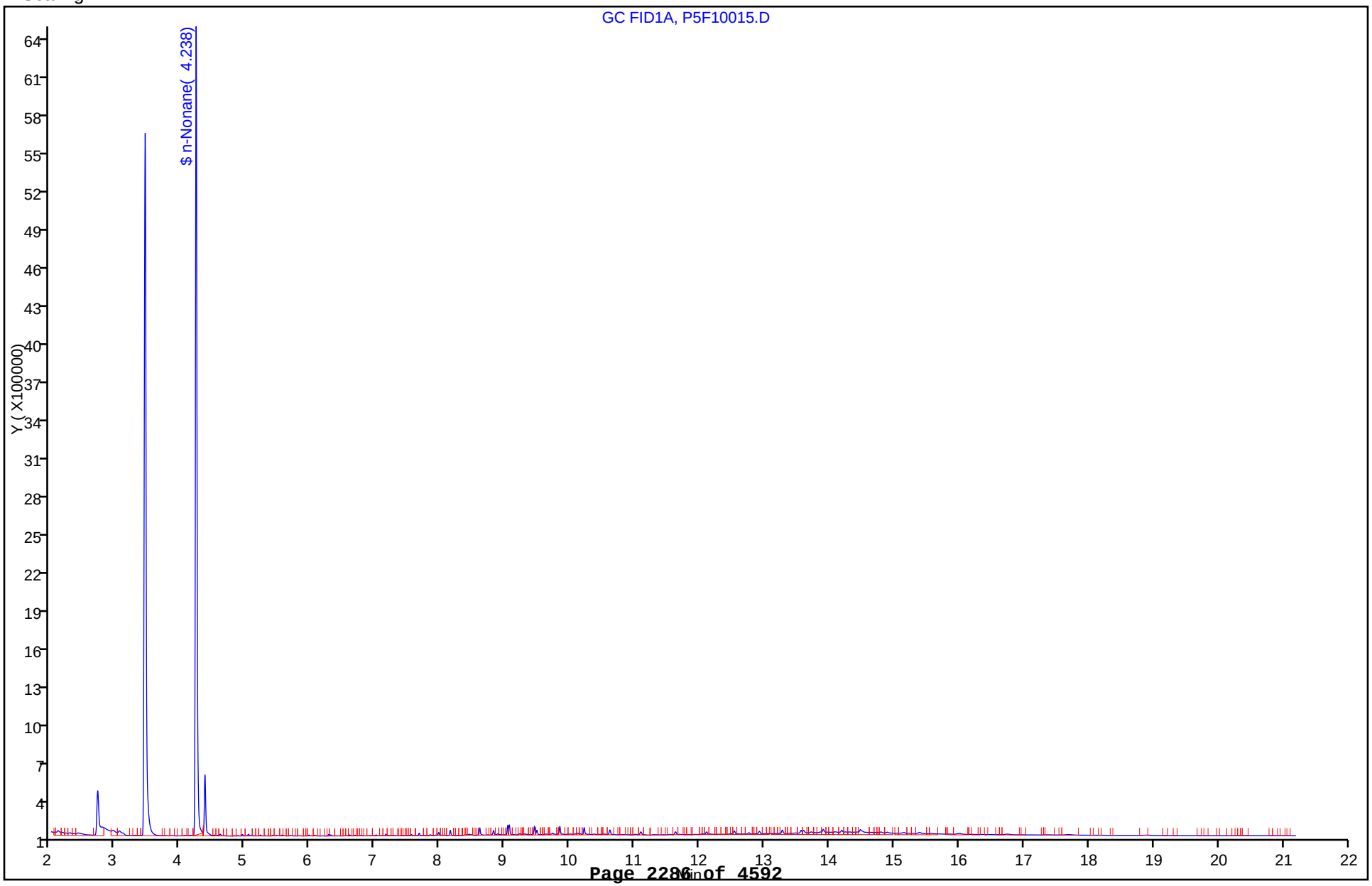
Report Date: 28-Dec-2012 09:49:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10015.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 18:17:15 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 072SB-0081-0001-SO | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 15 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: P5F10008.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/09/2012 10:30

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:26

Sample wt/vol: 1050(mL) | Date Analyzed: 12/17/2012 15:34

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68949 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 230 | U | 480 | 230 | 230 |
| STL00272 | C20-C34 | 230 | U | 480 | 230 | 230 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 51 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

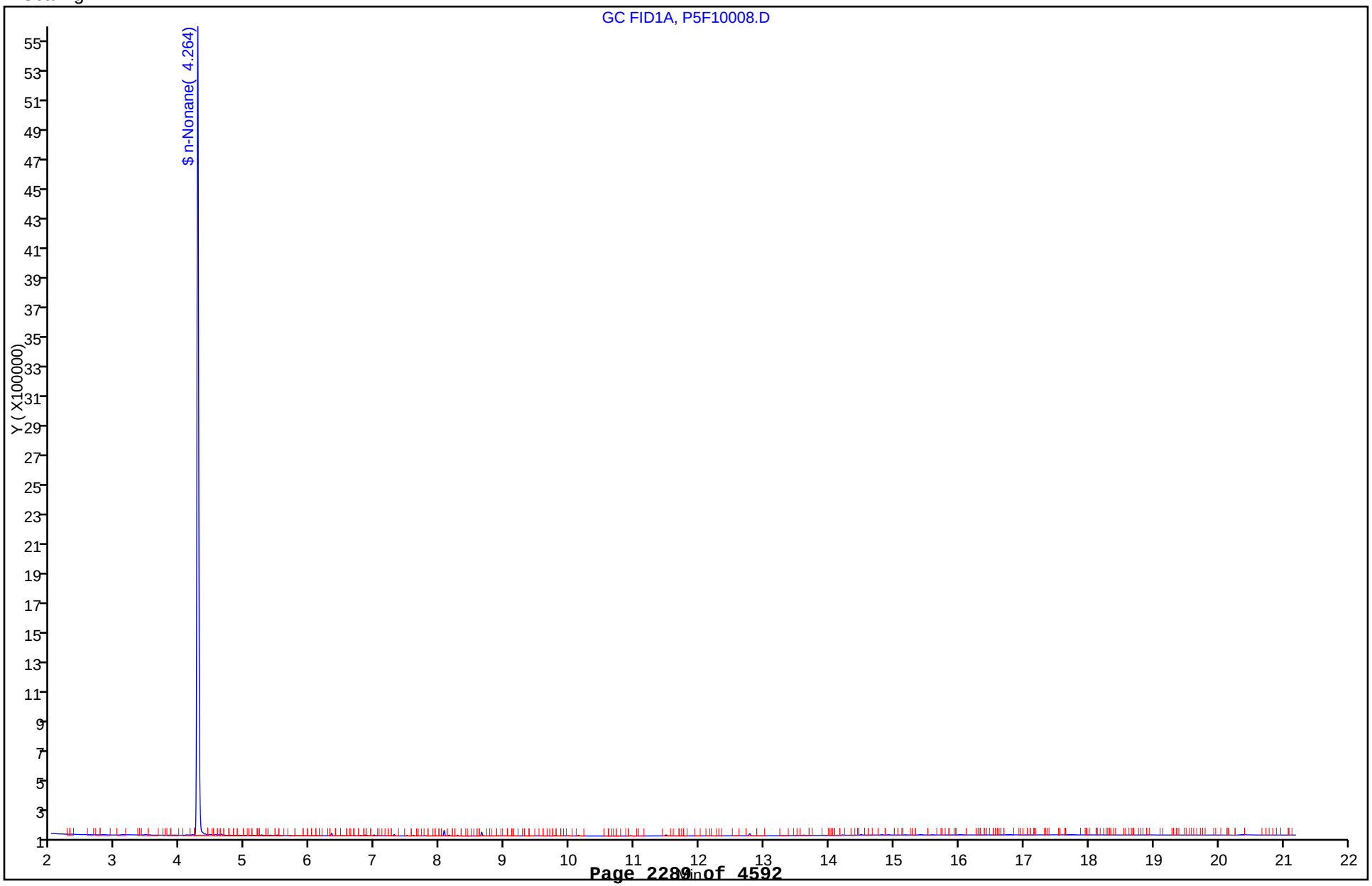
| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10008.D | | |
| Lims ID: | 240-18703-R-24-A | Client ID: | 076-0140-0001-ER |
| Inject. Date: | 17-Dec-2012 15:34:15 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0015908-008 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 8 |
| Lims Batch ID: | 68949 | Lims Sample ID: | 8 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m | | |
| Last Update: | 18-Dec-2012 09:46:20 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK033 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.264 | 4.262 | 0.002 | 9948224 | 51.3 | |
| A 12 C10-C20 | | | | | |
| 5.244 - 10.231 | | | | | |
| A 15 Diesel | | | | | |
| 5.244 - 13.616 | | | | | |
| A 22 C20-C34 | | | | | |
| 10.231 -15.592 | | | | | |

Report Date: 18-Dec-2012 09:46:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10008.D | | |
| Injection Date: | 17-Dec-2012 15:34:15 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | 076-0140-0001-ER | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 8 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |
| Y Scaling: | | | |



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58815

SDG No.:

Instrument ID: A2HP5F GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2012 14:20 Calibration End Date: 09/24/2012 16:19 Calibration ID: 11556

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 240-58815/4 | P5F92404.D |
| Level 2 | STD2 240-58815/5 | P5F92405.D |
| Level 3 | STD3 240-58815/6 | P5F92406.D |
| Level 4 | STD4 240-58815/7 | P5F92407.D |
| Level 5 | STD5 240-58815/8 | P5F92408.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | 10.116 | 10.112 | 10.112 | 10.112 | 10.112 | | | | | | 6.201 - 14.024 | 10.113 |
| n-Nonane | 5.515 | 5.514 | 5.516 | 5.518 | 5.512 | | | | | | 5.445 - 5.585 | 5.515 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58815

SDG No.:

Instrument ID: A2HP5F GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2012 14:20 Calibration End Date: 09/24/2012 16:19 Calibration ID: 11556

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 240-58815/4 | P5F92404.D |
| Level 2 | STD2 240-58815/5 | P5F92405.D |
| Level 3 | STD3 240-58815/6 | P5F92406.D |
| Level 4 | STD4 240-58815/7 | P5F92407.D |
| Level 5 | STD5 240-58815/8 | P5F92408.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| Diesel Range Organics [C10 - C28] | 209355 177688 | 180351 | 179612 | 173706 | Ave | | 184142.345 | | | | 7.8 | | 20.0 | | | |
| n-Nonane | 209776 190373 | 190419 | 194560 | 185317 | Ave | | 194088.823 | | | | 4.8 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58815

SDG No.:

Instrument ID: A2HP5F GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 09/24/2012 14:20 Calibration End Date: 09/24/2012 16:19 Calibration ID: 11556

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 240-58815/4 | P5F92404.D |
| Level 2 | STD2 240-58815/5 | P5F92405.D |
| Level 3 | STD3 240-58815/6 | P5F92406.D |
| Level 4 | STD4 240-58815/7 | P5F92407.D |
| Level 5 | STD5 240-58815/8 | P5F92408.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Diesel Range Organics [C10 - C28] | Ave | 20935488 | 36070289 | 89805886 | 173705861 | 355375537 | 100 | 200 | 500 | 1000 | 2000 |
| n-Nonane | Ave | 2097756 | 3808378 | 9727983 | 18531718 | 38074555 | 10.0 | 20.0 | 50.0 | 100 | 200 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92404.D | | |
| Lims ID: | STD1 Diesel | Client ID: | |
| Inject. Date: | 24-Sep-2012 14:20:11 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 1 |
| Sample ID: | 240-0013485-004 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 4 |
| Lims Batch ID: | 58815 | Lims Sample ID: | 4 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\TPH5F.m | | |
| Last Update: | 25-Sep-2012 15:24:14 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK010 | | |
| First Level Reviewer: bolgrind | | Date: | 25-Sep-2012 11:50:31 |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 5.515 | 5.515 | 0.000 | 2097756 | 10.8 | |
| A 15 Diesel | | | | | |
| 10.116 | 6.201 - 14.024 | | 20935488 | 113.7 | |

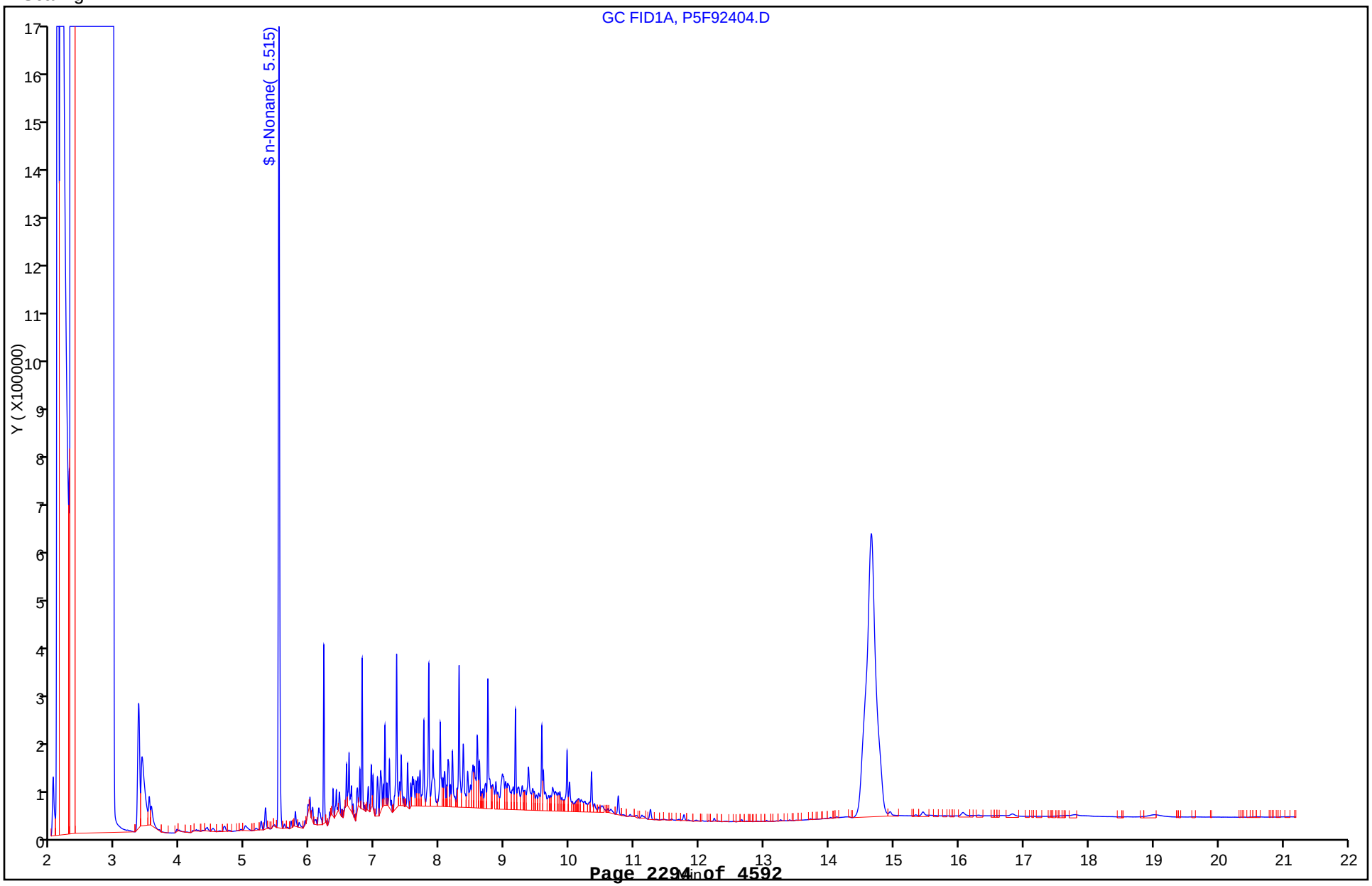
Report Date: 25-Sep-2012 15:24:14 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92404.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Sep-2012 14:20:11 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 58815 | Lims Sample ID: | 4 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92405.D | | |
| Lims ID: | STD2 Diesel | Client ID: | |
| Inject. Date: | 24-Sep-2012 14:50:03 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 2 |
| Sample ID: | 240-0013485-005 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 5 |
| Lims Batch ID: | 58815 | Lims Sample ID: | 5 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\TPH5F.m | | |
| Last Update: | 25-Sep-2012 15:24:15 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK010 | | |
| First Level Reviewer: bolgrind | | Date: | 25-Sep-2012 11:50:42 |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 5.514 | 5.515 | -0.001 | 3808378 | 19.6 | |
| A 15 Diesel | | | | | |
| 10.112 | 6.201 - 14.024 | | 36070289 | 195.9 | |

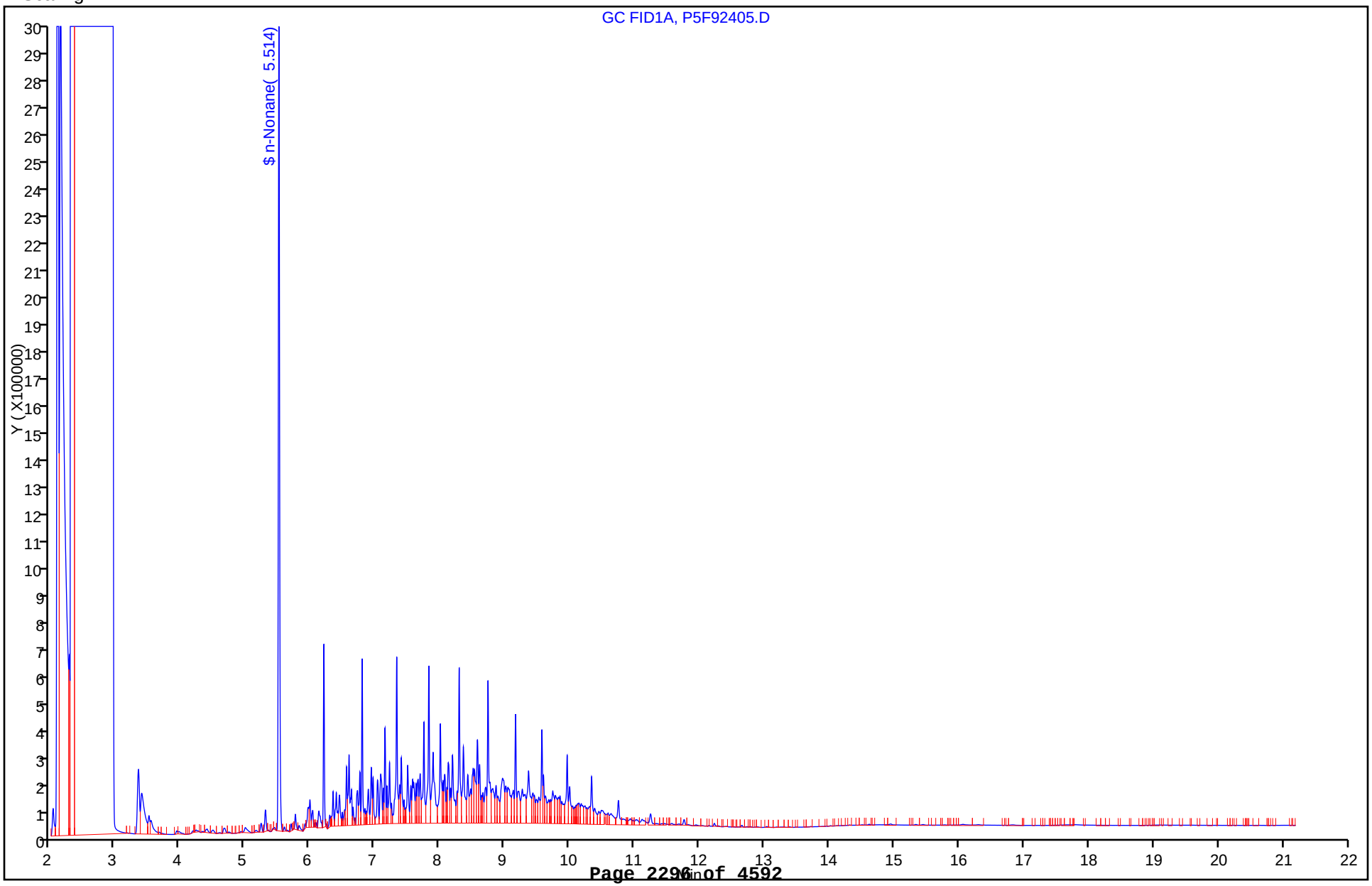
Report Date: 25-Sep-2012 15:24:15 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92405.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Sep-2012 14:50:03 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 58815 | Lims Sample ID: | 5 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92406.D | | |
| Lims ID: | STD3 Diesel | Client ID: | |
| Inject. Date: | 24-Sep-2012 15:19:52 | Dil. Factor: | 1.0000 |
| Sample Type: | ICRT | Calib Level: | 3 |
| Sample ID: | 240-0013485-006 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 6 |
| Lims Batch ID: | 58815 | Lims Sample ID: | 6 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\TPH5F.m | | |
| Last Update: | 25-Sep-2012 15:24:16 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK010 | | |
| First Level Reviewer: bolgrind | | Date: | 25-Sep-2012 11:50:52 |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 5.516 | 5.516 | 0.000 | 9727983 | 50.1 | |
| A 15 Diesel | | | | | |
| 10.112 | 6.201 - 14.024 | | 89805886 | 487.7 | |

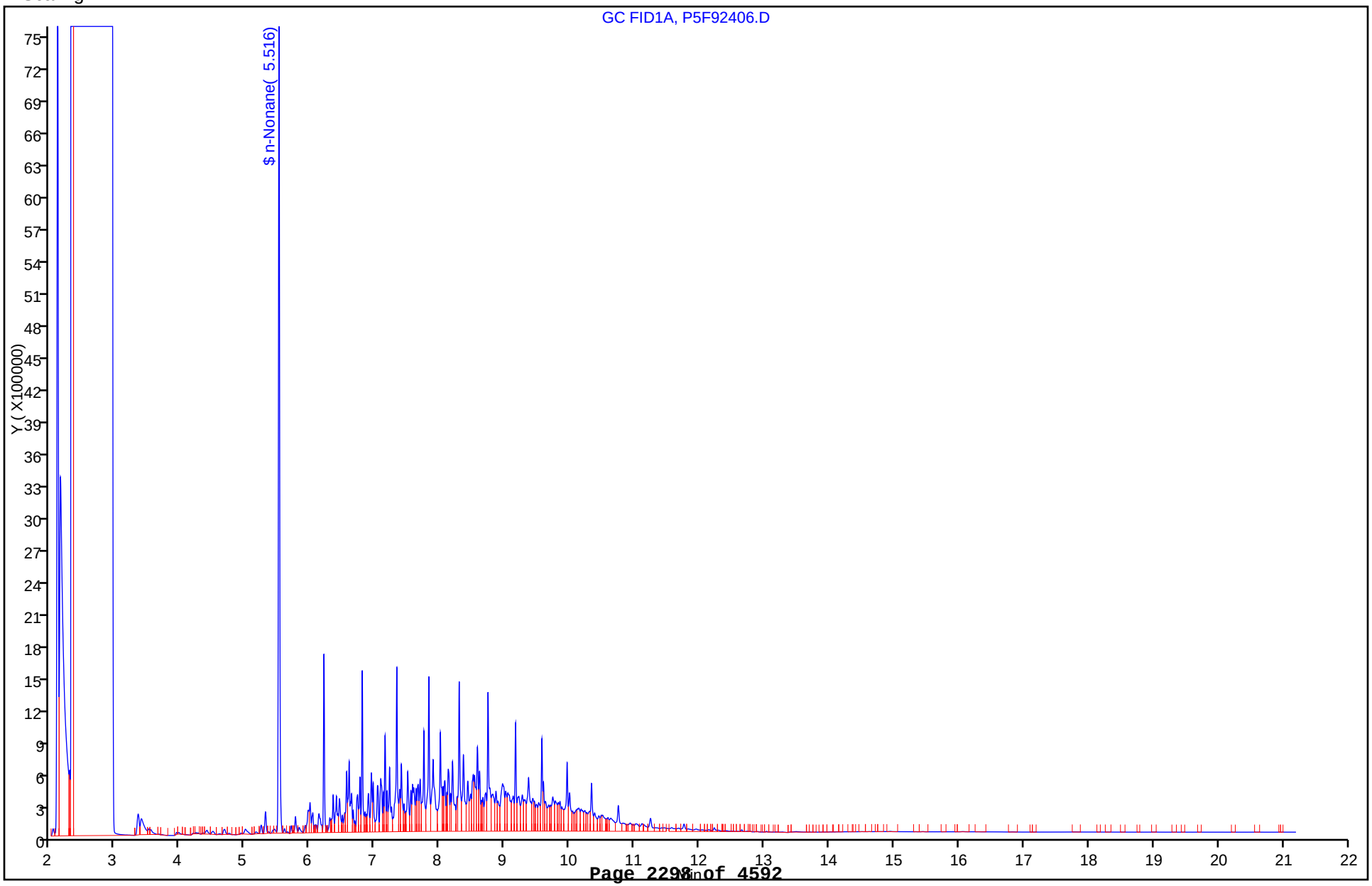
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92406.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Sep-2012 15:19:52 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 58815 | Lims Sample ID: | 6 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92407.D | | |
| Lims ID: | STD4 Diesel | Client ID: | |
| Inject. Date: | 24-Sep-2012 15:49:39 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 4 |
| Sample ID: | 240-0013485-007 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 7 |
| Lims Batch ID: | 58815 | Lims Sample ID: | 7 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\TPH5F.m | | |
| Last Update: | 25-Sep-2012 15:24:17 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK010 | | |
| First Level Reviewer: bolgrind | | Date: | 25-Sep-2012 11:51:01 |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 5.518 | 5.516 | 0.002 | 18531718 | 95.5 | |
| A 15 Diesel | | | | | |
| 10.112 | 6.201 - 14.024 | | 173705861 | 943.3 | |

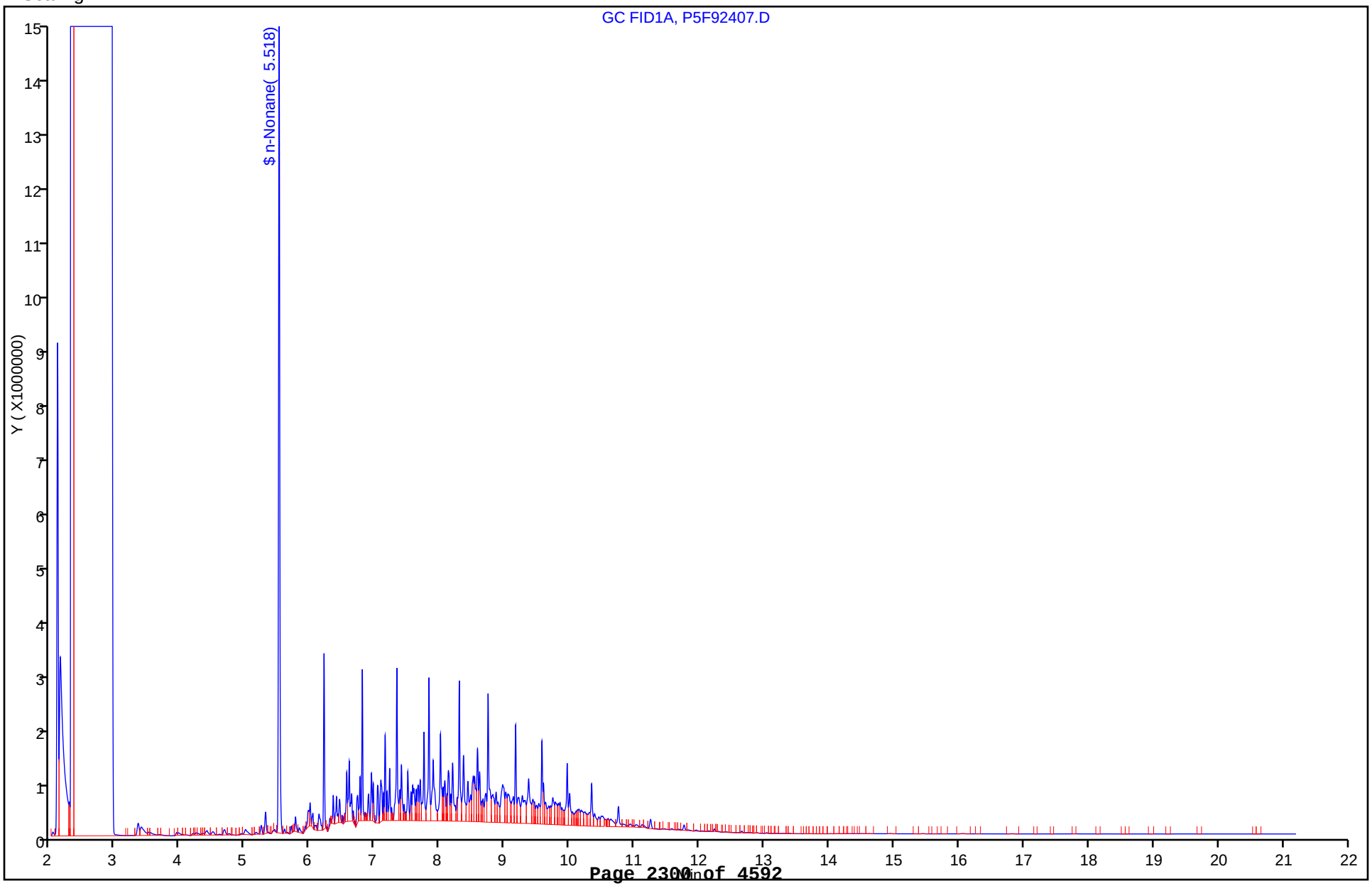
Report Date: 25-Sep-2012 15:24:18 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92407.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Sep-2012 15:49:39 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 58815 | Lims Sample ID: | 7 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92408.D | | |
| Lims ID: | STD5 Diesel | Client ID: | |
| Inject. Date: | 24-Sep-2012 16:19:38 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 5 |
| Sample ID: | 240-0013485-008 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 8 |
| Lims Batch ID: | 58815 | Lims Sample ID: | 8 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\TPH5F.m | | |
| Last Update: | 25-Sep-2012 15:24:18 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK010 | | |
| First Level Reviewer: bolgrind | | Date: | 25-Sep-2012 11:51:10 |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 5.512 | 5.516 | -0.004 | 38074555 | 196.2 | |
| A 15 Diesel | | | | | |
| 10.112 | 6.201 - 14.024 | | 355375537 | 1929.9 | |

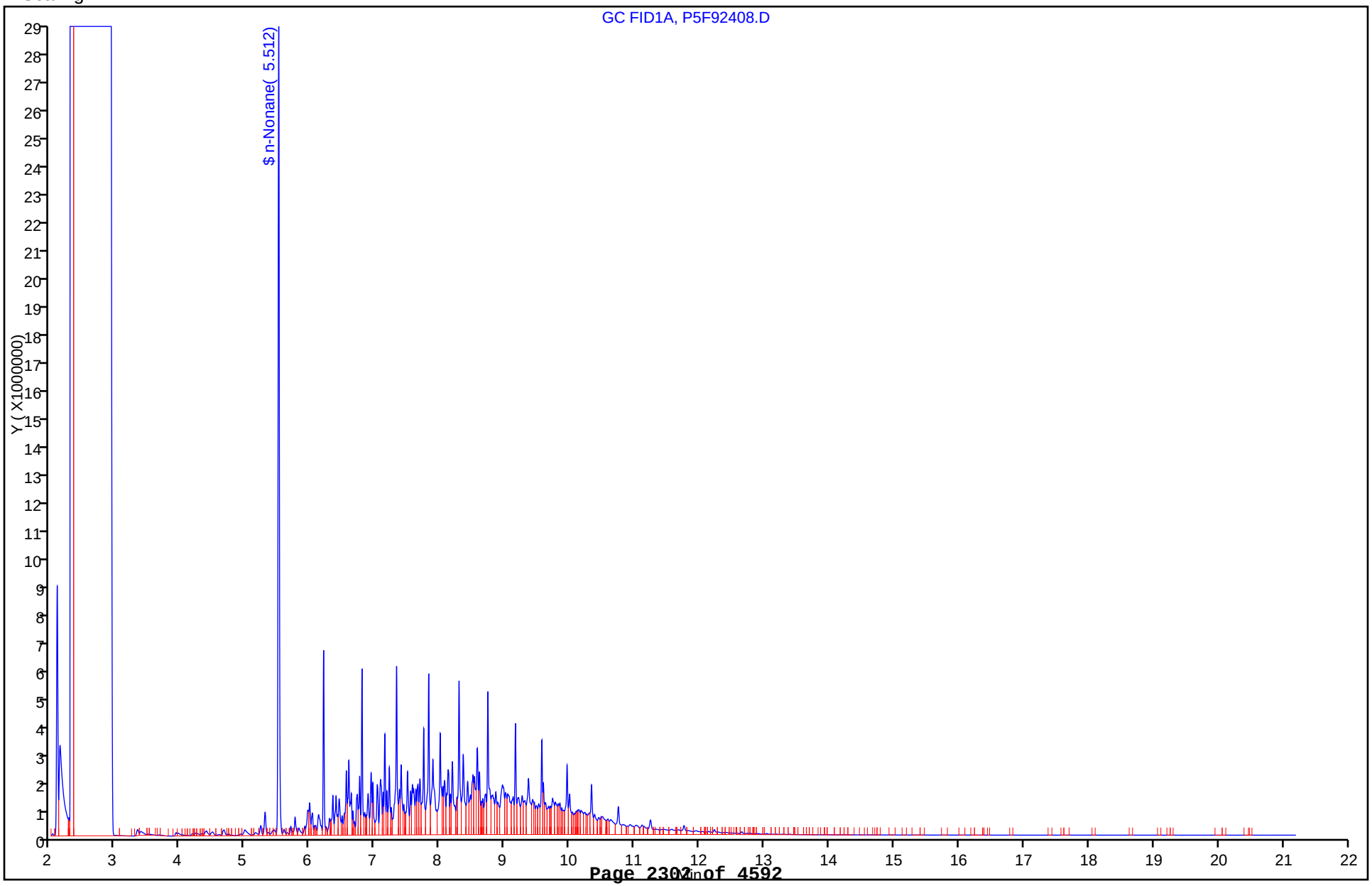
Report Date: 25-Sep-2012 15:24:19 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92408.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Sep-2012 16:19:38 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 58815 | Lims Sample ID: | 8 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 68137

SDG No.:

Instrument ID: A2HP6F GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 16:08 Calibration End Date: 12/11/2012 18:11 Calibration ID: 12803

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 240-68137/4 | P6F11004.D |
| Level 2 | STD2 240-68137/5 | P6F11005.D |
| Level 3 | STD3 240-68137/6 | P6F11006.D |
| Level 4 | STD4 240-68137/7 | P6F11007.D |
| Level 5 | STD5 240-68137/8 | P6F11008.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | 9.379 | 9.379 | 9.379 | 9.379 | 9.379 | | | | | | 5.157 - 13.602 | 9.379 |
| n-Nonane | 4.142 | 4.140 | 4.141 | 4.141 | 4.141 | | | | | | 4.092 - 4.192 | 4.141 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 68137

SDG No.:

Instrument ID: A2HP6F GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 16:08 Calibration End Date: 12/11/2012 18:11 Calibration ID: 12803

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 240-68137/4 | P6F11004.D |
| Level 2 | STD2 240-68137/5 | P6F11005.D |
| Level 3 | STD3 240-68137/6 | P6F11006.D |
| Level 4 | STD4 240-68137/7 | P6F11007.D |
| Level 5 | STD5 240-68137/8 | P6F11008.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| Diesel Range Organics [C10 - C28] | 192890 159185 | 174600 | 187030 | 158233 | Ave | | 174387.763 | | | | 9.0 | | 20.0 | | | |
| n-Nonane | 131871 139396 | 133038 | 151304 | 134907 | Ave | | 138103.048 | | | | 5.7 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 68137

SDG No.:

Instrument ID: A2HP6F GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 16:08 Calibration End Date: 12/11/2012 18:11 Calibration ID: 12803

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 240-68137/4 | P6F11004.D |
| Level 2 | STD2 240-68137/5 | P6F11005.D |
| Level 3 | STD3 240-68137/6 | P6F11006.D |
| Level 4 | STD4 240-68137/7 | P6F11007.D |
| Level 5 | STD5 240-68137/8 | P6F11008.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Diesel Range Organics [C10 - C28] | Ave | 19288959 | 34920039 | 93515077 | 158233423 | 318370908 | 100 | 200 | 500 | 1000 | 2000 |
| n-Nonane | Ave | 1318709 | 2660764 | 7565185 | 13490682 | 27879124 | 10.0 | 20.0 | 50.0 | 100 | 200 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11004.D | | |
| Lims ID: | STD1 DIESEL | Client ID: | |
| Inject. Date: | 11-Dec-2012 16:08:05 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 1 |
| Sample ID: | 240-0015714-004 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 4 |
| Lims Batch ID: | 68137 | Lims Sample ID: | 4 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\TPH6F.m | | |
| Last Update: | 12-Dec-2012 09:04:04 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK007 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.142 | 4.142 | 0.000 | 1318709 | 9.55 | |
| A 15 Diesel | | | | | |
| 9.379 | 5.157 - 13.602 | | 19288959 | 110.6 | |

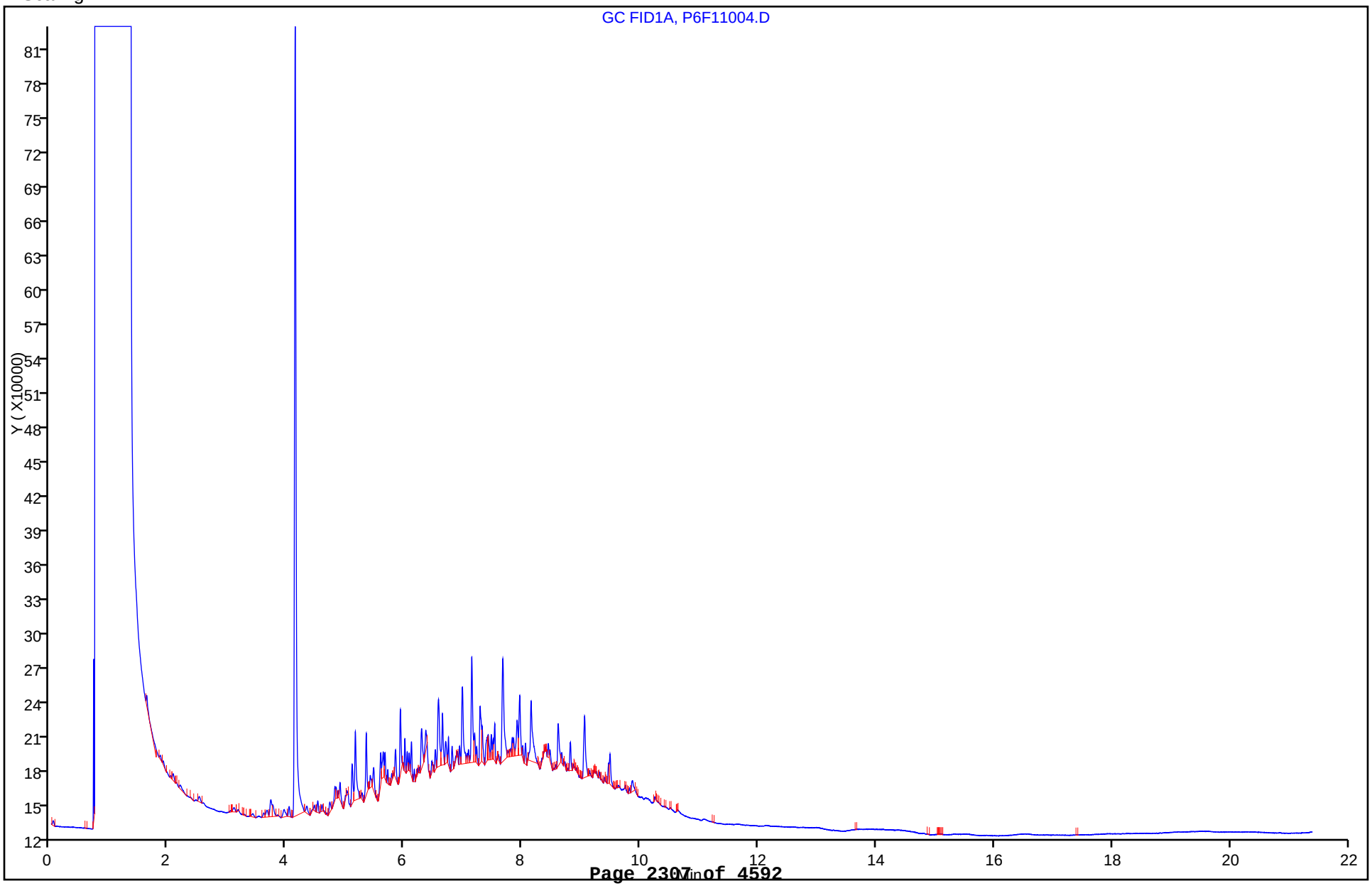
Report Date: 12-Dec-2012 09:04:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11004.D

| | | | |
|---|---|---|---|
| Injection Date: | 11-Dec-2012 16:08:05 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 68137 | Lims Sample ID: | 4 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11005.D | | |
| Lims ID: | STD2 DIESEL | Client ID: | |
| Inject. Date: | 11-Dec-2012 16:39:16 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 2 |
| Sample ID: | 240-0015714-005 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 5 |
| Lims Batch ID: | 68137 | Lims Sample ID: | 5 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\TPH6F.m | | |
| Last Update: | 12-Dec-2012 09:04:05 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK007 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.140 | 4.142 | -0.002 | 2660764 | 19.3 | |
| A 15 Diesel | | | | | |
| 9.379 | 5.157 - 13.602 | | 34920039 | 200.2 | |

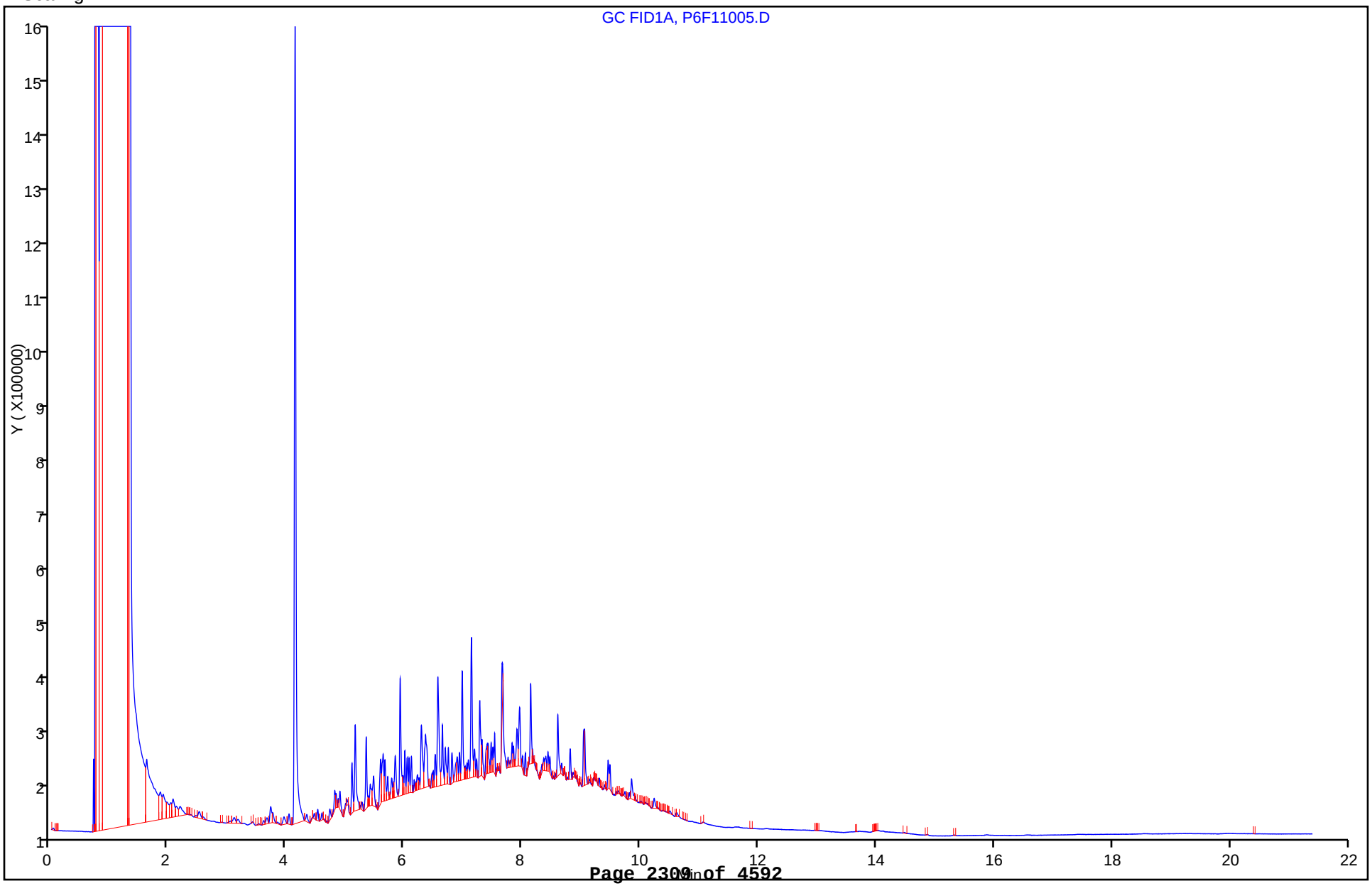
Report Date: 12-Dec-2012 09:04:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11005.D

| | | | |
|---|---|---|---|
| Injection Date: | 11-Dec-2012 16:39:16 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 68137 | Lims Sample ID: | 5 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11006.D | | |
| Lims ID: | STD3 DIESEL | Client ID: | |
| Inject. Date: | 11-Dec-2012 17:09:54 | Dil. Factor: | 1.0000 |
| Sample Type: | ICRT | Calib Level: | 3 |
| Sample ID: | 240-0015714-006 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 6 |
| Lims Batch ID: | 68137 | Lims Sample ID: | 6 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\TPH6F.m | | |
| Last Update: | 12-Dec-2012 09:04:06 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK007 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.141 | 4.141 | 0.000 | 7565185 | 54.8 | |
| A 15 Diesel | | | | | |
| 9.379 | 5.157 - 13.602 | | 93515077 | 536.2 | |

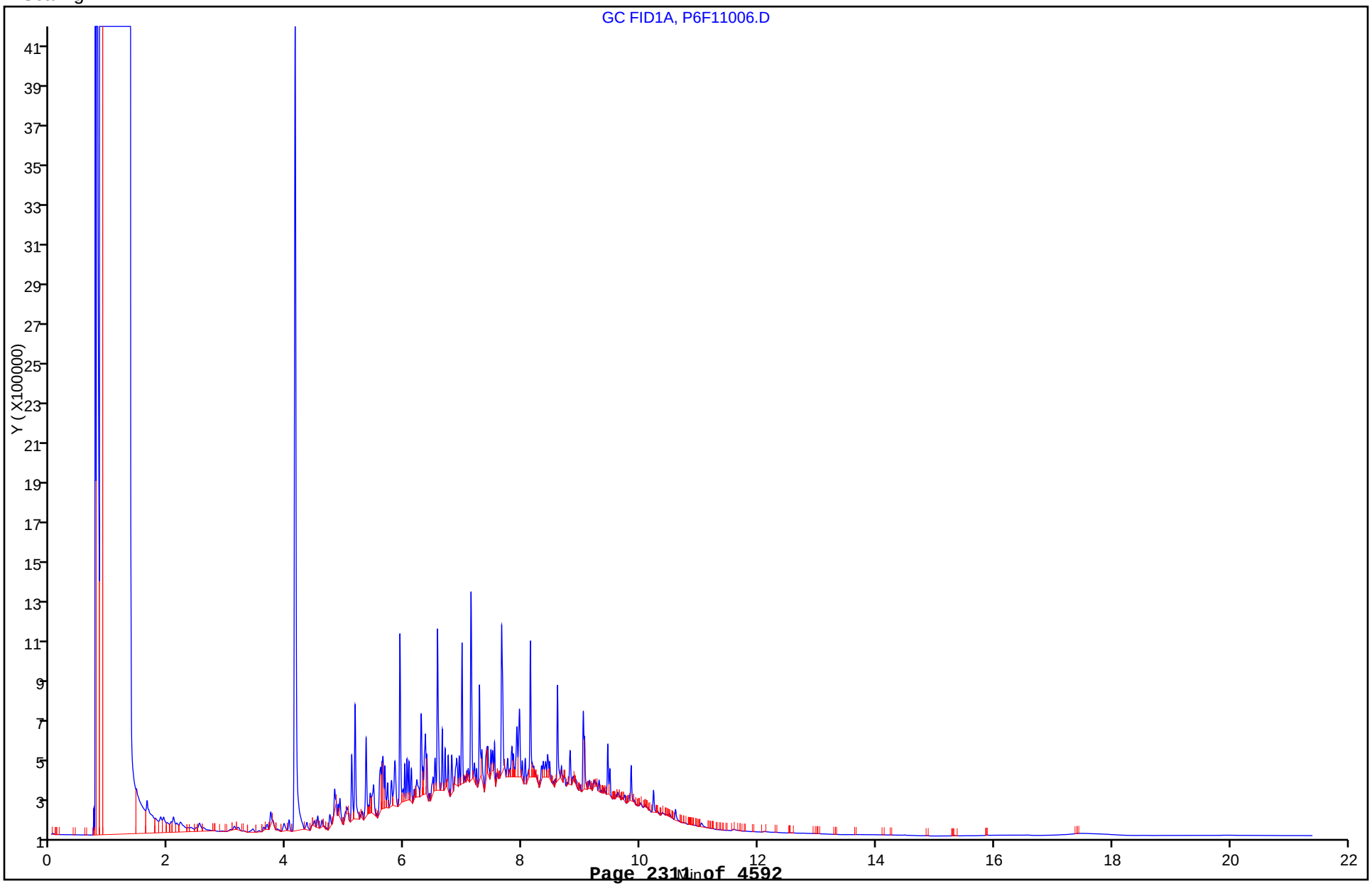
Report Date: 12-Dec-2012 09:04:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11006.D

| | | | |
|---|---|---|---|
| Injection Date: | 11-Dec-2012 17:09:54 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 68137 | Lims Sample ID: | 6 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11007.D | | |
| Lims ID: | STD4 DIESEL | Client ID: | |
| Inject. Date: | 11-Dec-2012 17:40:47 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 4 |
| Sample ID: | 240-0015714-007 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 7 |
| Lims Batch ID: | 68137 | Lims Sample ID: | 7 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\TPH6F.m | | |
| Last Update: | 12-Dec-2012 09:04:07 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK007 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.141 | 4.141 | 0.000 | 13490682 | 97.7 | |
| A 15 Diesel | | | | | |
| 9.379 | 5.157 - 13.602 | | 158233423 | 907.4 | |

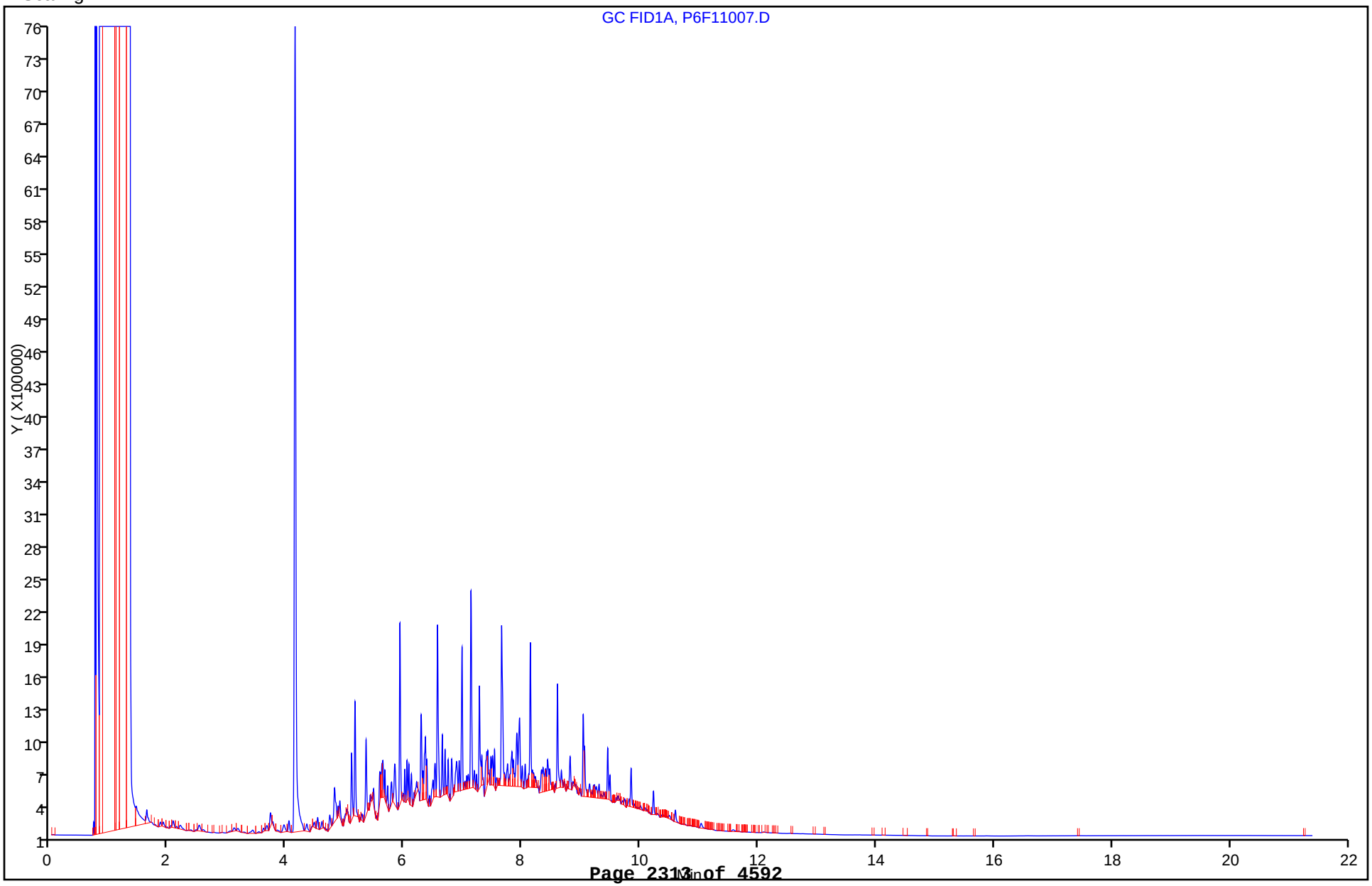
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11007.D

| | | | |
|---|---|---|---|
| Injection Date: | 11-Dec-2012 17:40:47 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 68137 | Lims Sample ID: | 7 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Lims ID: | STD5 DIESEL | Client ID: | |
| Inject. Date: | 11-Dec-2012 18:11:22 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 5 |
| Sample ID: | 240-0015714-008 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 8 |
| Lims Batch ID: | 68137 | Lims Sample ID: | 8 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\TPH6F.m | | |
| Last Update: | 12-Dec-2012 09:04:08 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK007 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.141 | 4.141 | 0.000 | 27879124 | 201.9 | |
| A 15 Diesel | | | | | |
| 9.379 | 5.157 - 13.602 | | 318370908 | 1825.6 | |

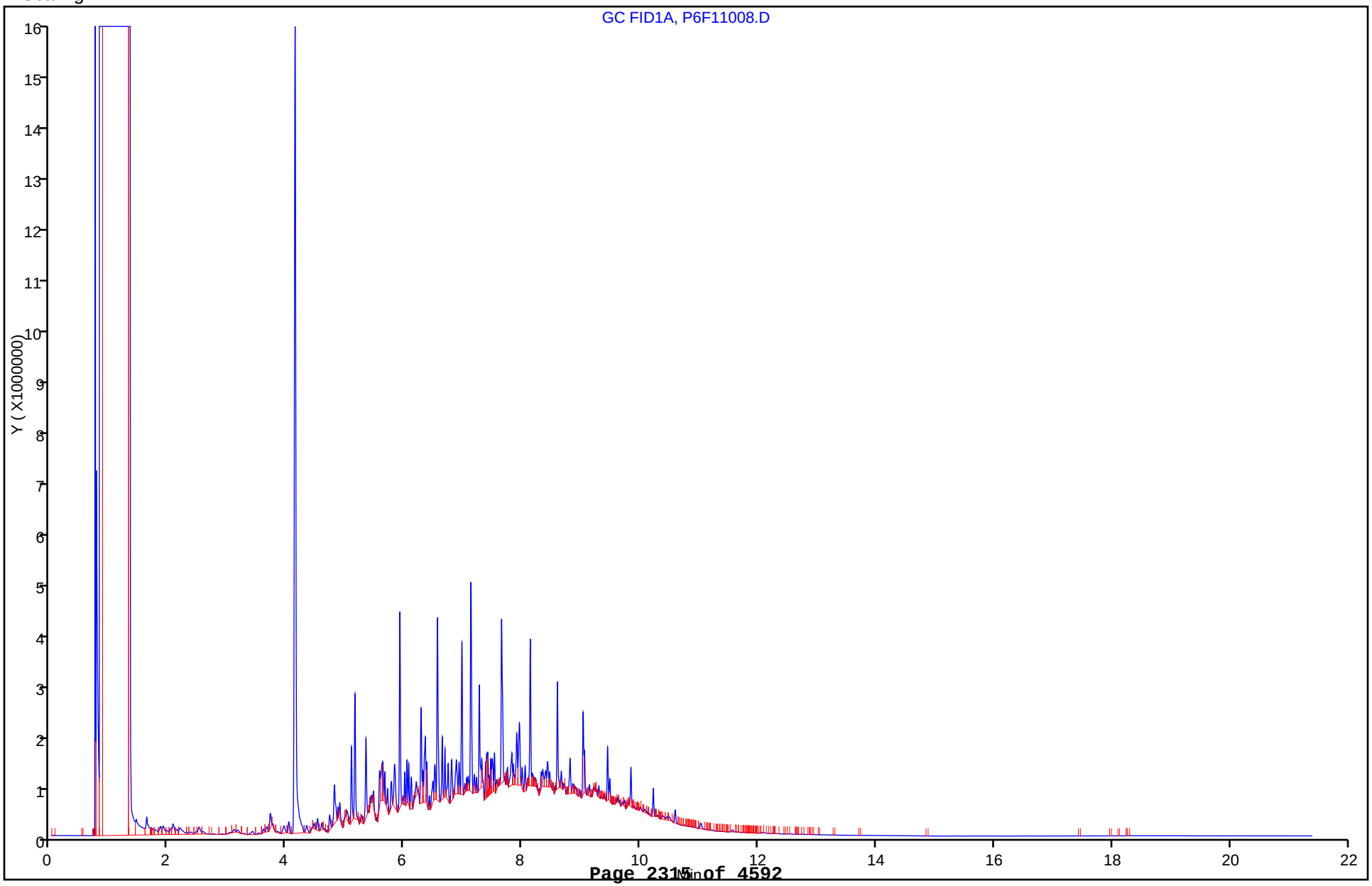
Report Date: 12-Dec-2012 09:04:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D

| | | | |
|---|---|---|---|
| Injection Date: | 11-Dec-2012 18:11:22 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 68137 | Lims Sample ID: | 8 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-58815/9 Calibration Date: 09/24/2012 16:49

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F92409.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 184142 | 196035 | | 532 | 500 | 6.5 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-58815/9 Calibration Date: 09/24/2012 16:49

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F92409.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 10.11 | 6.20 | 14.02 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92409.D | | |
| Lims ID: | ICV Diesel | Client ID: | |
| Inject. Date: | 24-Sep-2012 16:49:32 | Dil. Factor: | 1.0000 |
| Sample Type: | ICV | | |
| Sample ID: | 240-0013485-009 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 9 |
| Lims Batch ID: | 58815 | Lims Sample ID: | 9 |
| Sublist: | | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\TPH5F.m | | |
| Last Update: | 25-Sep-2012 15:24:18 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK010 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 10.112 | 6.201 - 14.024 | | 98017293 | 532.3 | |

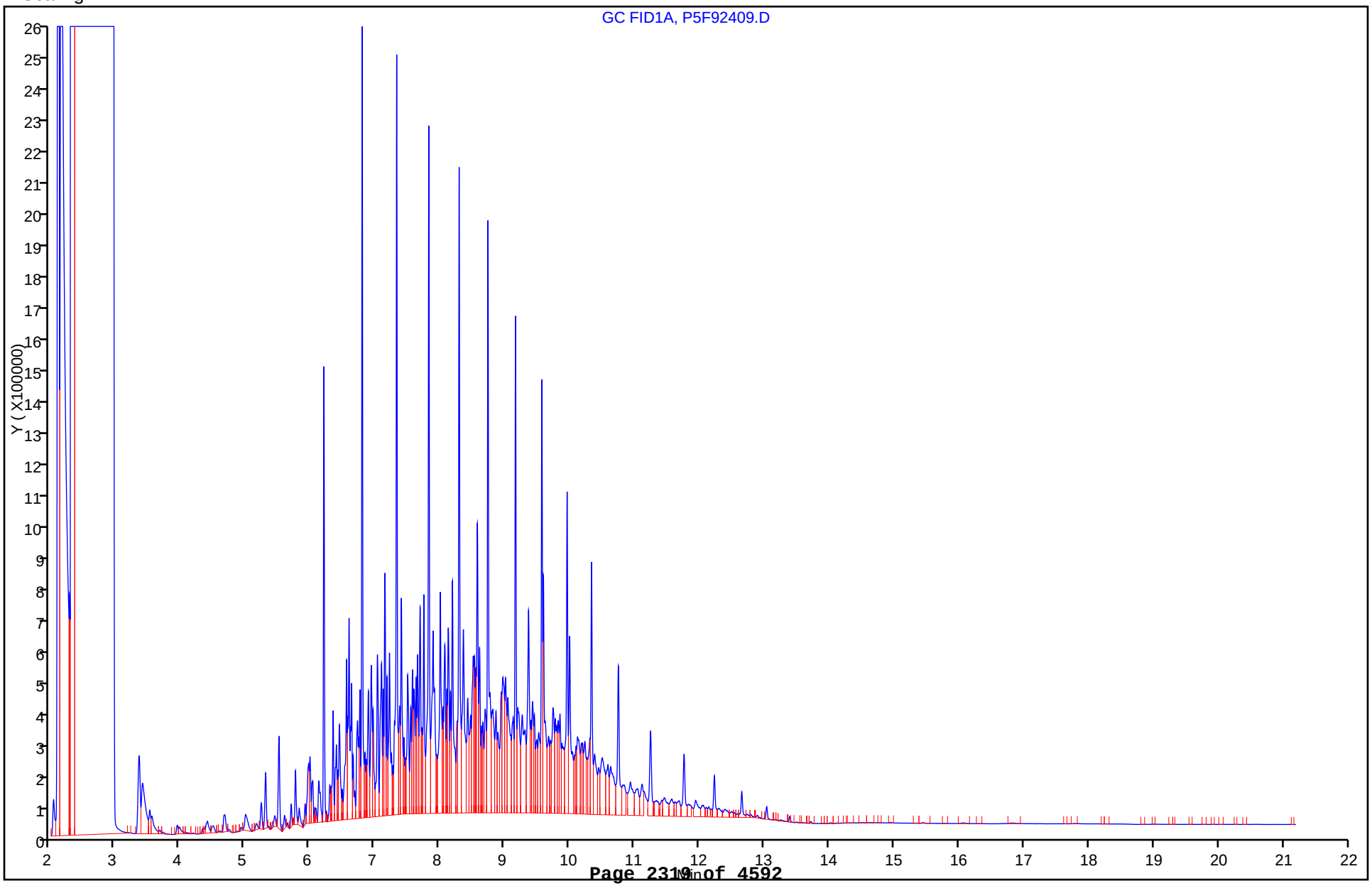
Report Date: 25-Sep-2012 15:24:20 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92409.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Sep-2012 16:49:32 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 58815 | Lims Sample ID: | 9 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68949/5 Calibration Date: 12/17/2012 14:02

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10005.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 184142 | 179942 | | 489 | 500 | -2.3 | 20.0 |
| n-Nonane | Ave | 194089 | 143410 | | 36.9 | 50.0 | -26.1* | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68949/5 Calibration Date: 12/17/2012 14:02

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10005.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.43 | 5.24 | 13.62 |
| n-Nonane | 4.26 | 4.19 | 4.33 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10005.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 17-Dec-2012 14:02:55 | Dil. Factor: | 1.0000 |
| Sample Type: | CCVRT | | |
| Sample ID: | 240-0015908-005 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 5 |
| Lims Batch ID: | 68949 | Lims Sample ID: | 5 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m | | |
| Last Update: | 18-Dec-2012 09:46:20 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK033 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.262 | 4.262 | 0.000 | 7170505 | 36.9 | |
| A 15 Diesel | | | | | |
| 9.430 | 5.244 - 13.616 | | 89971114 | 488.6 | |

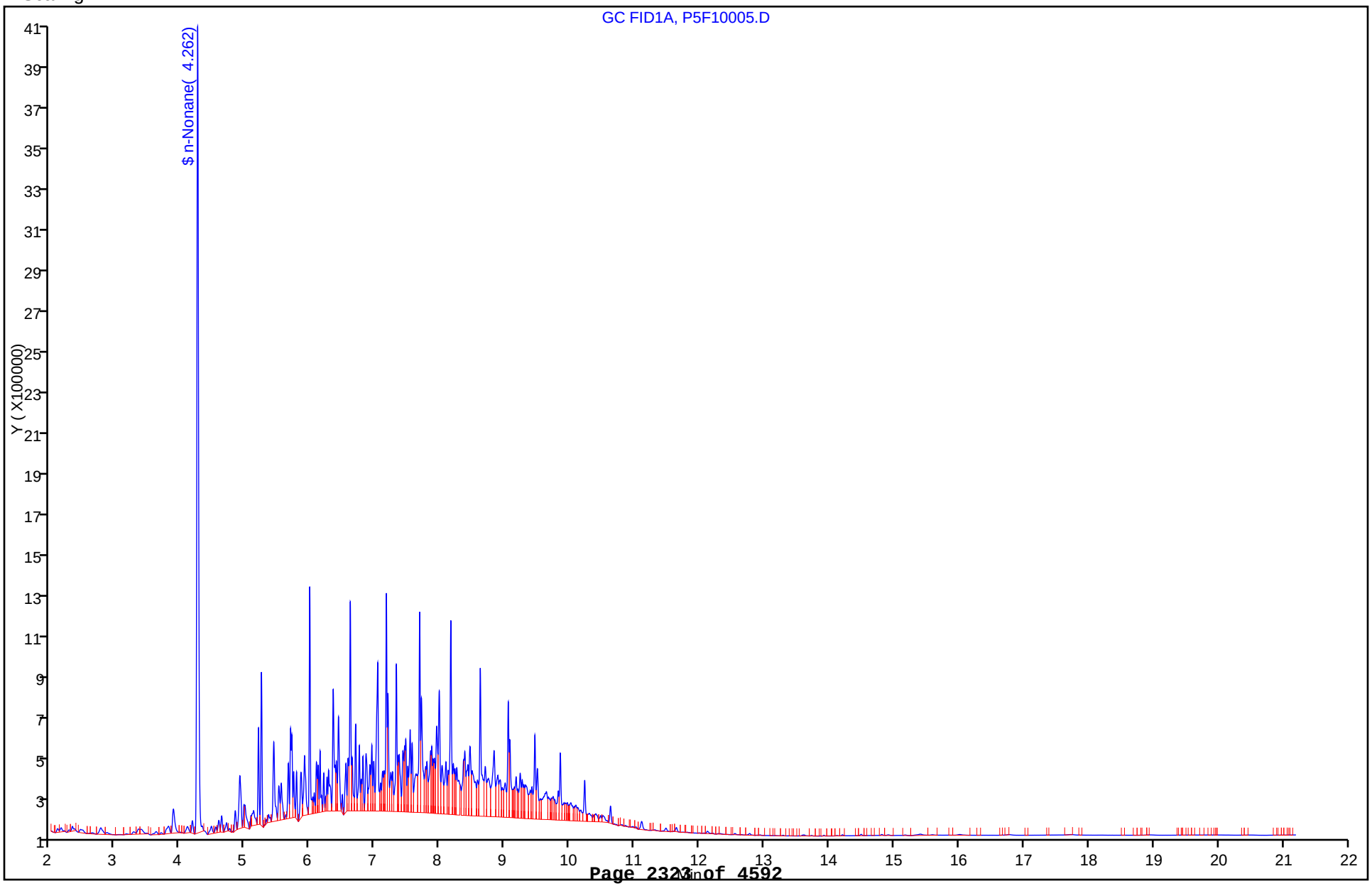
Report Date: 18-Dec-2012 09:46:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10005.D

| | | | |
|---|---|---|---|
| Injection Date: | 17-Dec-2012 14:02:55 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 5 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68949/16 Calibration Date: 12/17/2012 19:35

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10016.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 184142 | 192175 | | 522 | 500 | 4.4 | 20.0 |
| n-Nonane | Ave | 194089 | 151463 | | 39.0 | 50.0 | -22.0* | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68949/16 Calibration Date: 12/17/2012 19:35

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10016.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.43 | 5.24 | 13.62 |
| n-Nonane | 4.27 | 4.19 | 4.33 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10016.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 17-Dec-2012 19:35:19 | Dil. Factor: | 1.0000 |
| Sample Type: | CCV | | |
| Sample ID: | 240-0015908-016 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 16 |
| Lims Batch ID: | 68949 | Lims Sample ID: | 16 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m | | |
| Last Update: | 18-Dec-2012 09:46:25 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK033 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.265 | 4.262 | 0.003 | 7573146 | 39.0 | |
| A 15 Diesel | | | | | |
| 9.430 | 5.244 - 13.616 | | 96087478 | 521.8 | |

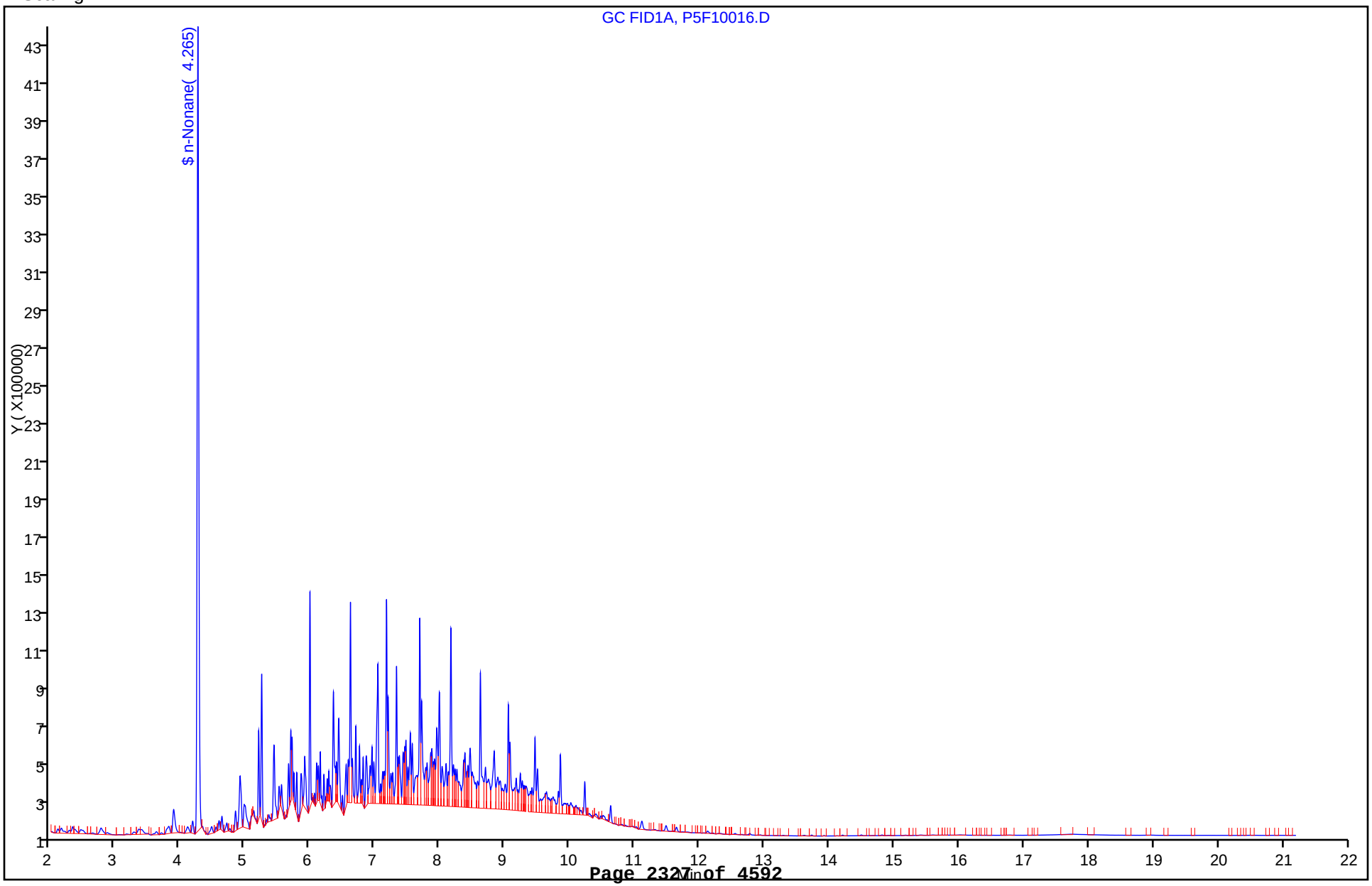
Report Date: 18-Dec-2012 09:46:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10016.D

| | | | |
|---|---|---|---|
| Injection Date: | 17-Dec-2012 19:35:19 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 16 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70185/5 Calibration Date: 12/27/2012 13:14

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10005.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 184142 | 190496 | | 517 | 500 | 3.5 | 20.0 |
| n-Nonane | Ave | 194089 | 158219 | | 40.8 | 50.0 | -18.5 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70185/5 Calibration Date: 12/27/2012 13:14

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10005.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.42 | 5.23 | 13.61 |
| n-Nonane | 4.25 | 4.18 | 4.32 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10005.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 27-Dec-2012 13:14:34 | Dil. Factor: | 1.0000 |
| Sample Type: | CCVRT | | |
| Sample ID: | 240-0016193-005 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 5 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 5 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.246 | 4.246 | 0.000 | 7910962 | 40.8 | |
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 95247772 | 517.3 | |

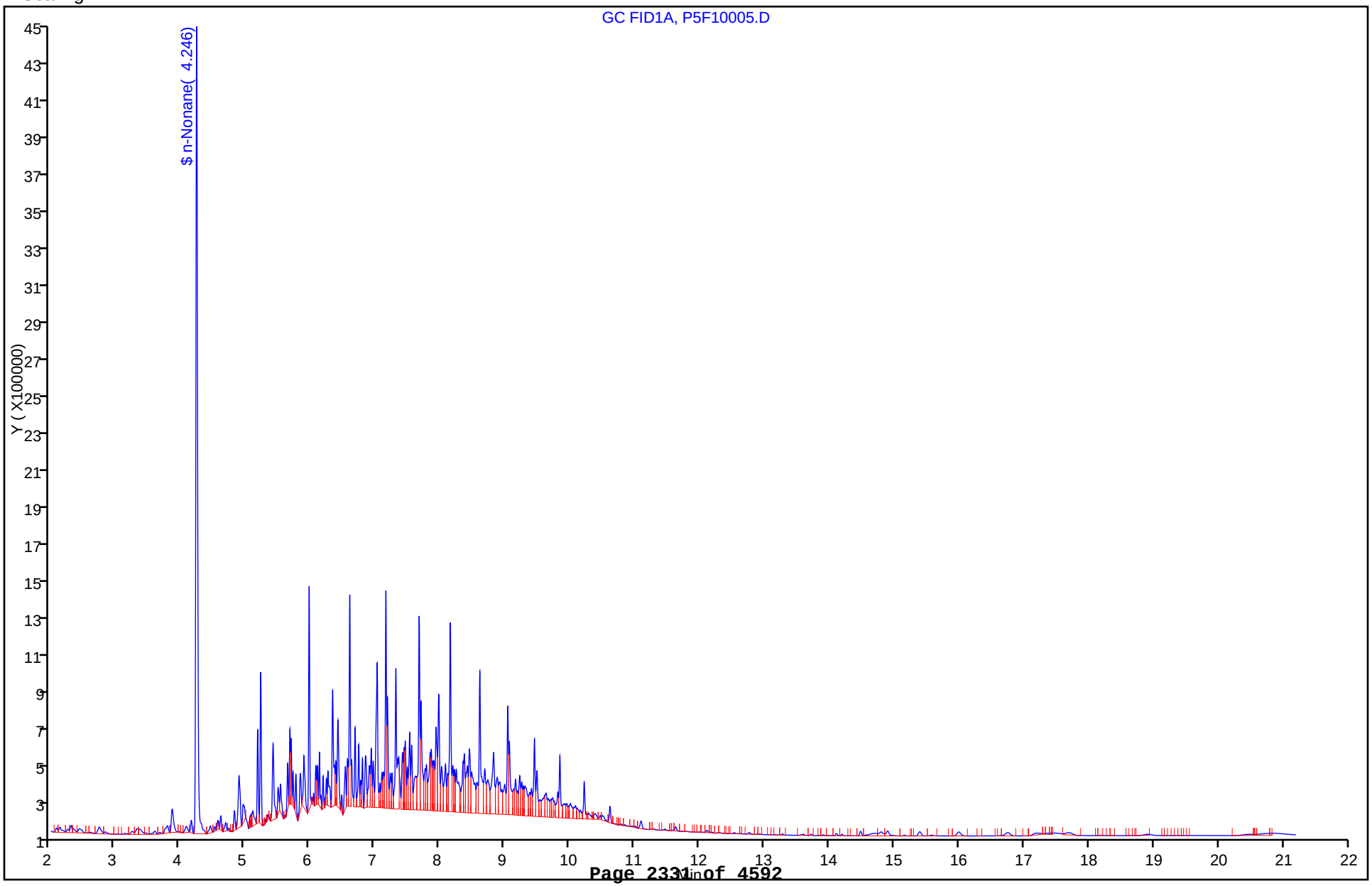
Report Date: 28-Dec-2012 09:49:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10005.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 13:14:34 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 5 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70185/16 Calibration Date: 12/27/2012 18:47

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10016.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 184142 | 181185 | | 492 | 500 | -1.6 | 20.0 |
| n-Nonane | Ave | 194089 | 152630 | | 39.3 | 50.0 | -21.4* | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70185/16 Calibration Date: 12/27/2012 18:47

Instrument ID: A2HP5F Calib Start Date: 09/24/2012 14:20

GC Column: ID: Calib End Date: 09/24/2012 16:19

Lab File ID: P5F10016.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.42 | 5.23 | 13.61 |
| n-Nonane | 4.24 | 4.18 | 4.32 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10016.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 27-Dec-2012 18:47:12 | Dil. Factor: | 1.0000 |
| Sample Type: | CCV | | |
| Sample ID: | 240-0016193-016 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 16 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 16 |
| Sublist: | chrom-TPH5F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:14 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.244 | 4.246 | -0.002 | 7631510 | 39.3 | |
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 90592380 | 492.0 | |

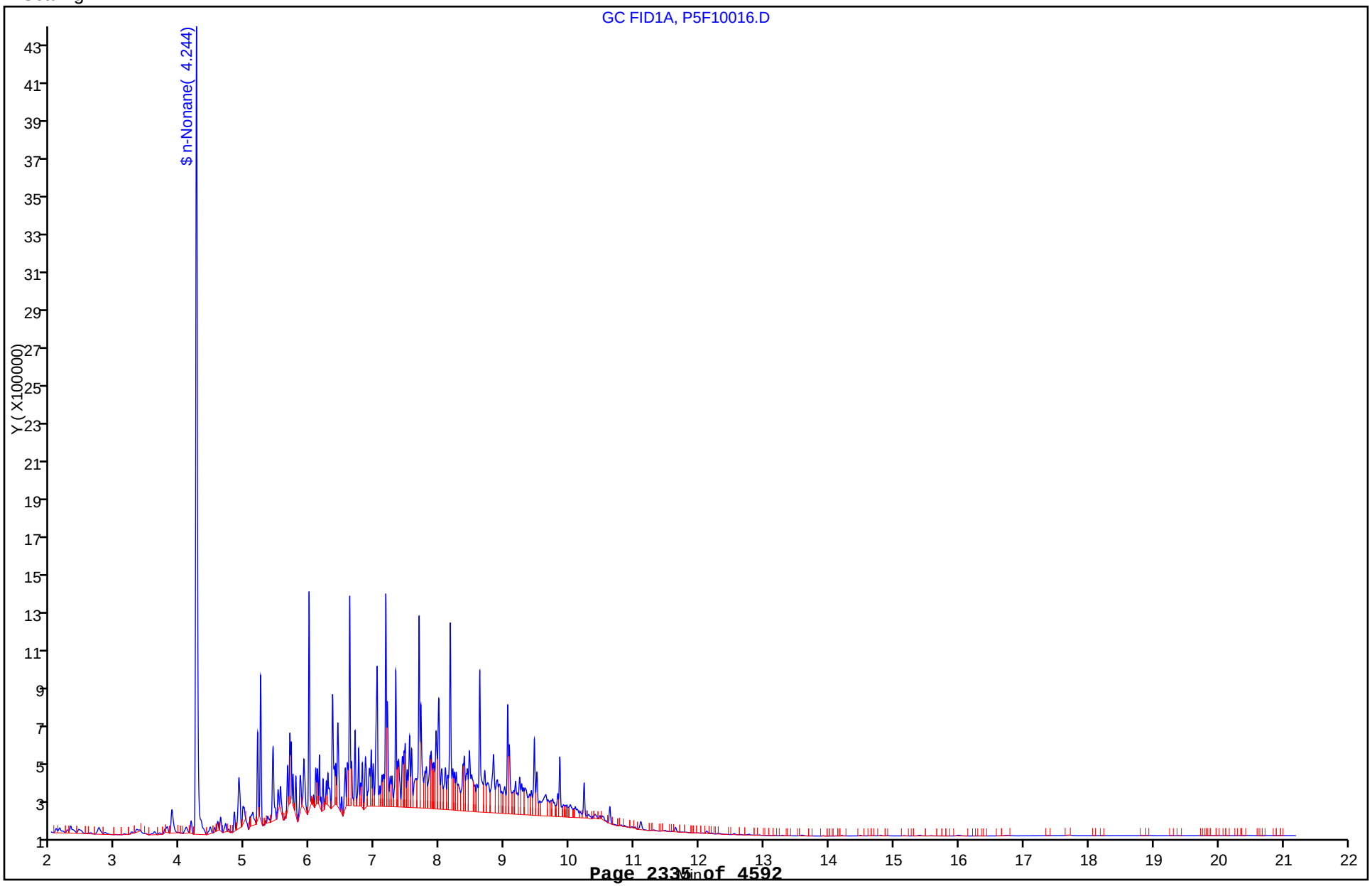
Report Date: 28-Dec-2012 09:49:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10016.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 18:47:12 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 16 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-68137/9 Calibration Date: 12/11/2012 18:42

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F11009.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 174388 | 161532 | | 463 | 500 | -7.4 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-68137/9 Calibration Date: 12/11/2012 18:42

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F11009.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.38 | 5.16 | 13.60 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11009.D | | |
| Lims ID: | ICV DIESEL | Client ID: | |
| Inject. Date: | 11-Dec-2012 18:42:07 | Dil. Factor: | 1.0000 |
| Sample Type: | ICV | | |
| Sample ID: | 240-0015714-009 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 9 |
| Lims Batch ID: | 68137 | Lims Sample ID: | 9 |
| Sublist: | | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\TPH6F.m | | |
| Last Update: | 12-Dec-2012 09:12:15 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK007 | | |

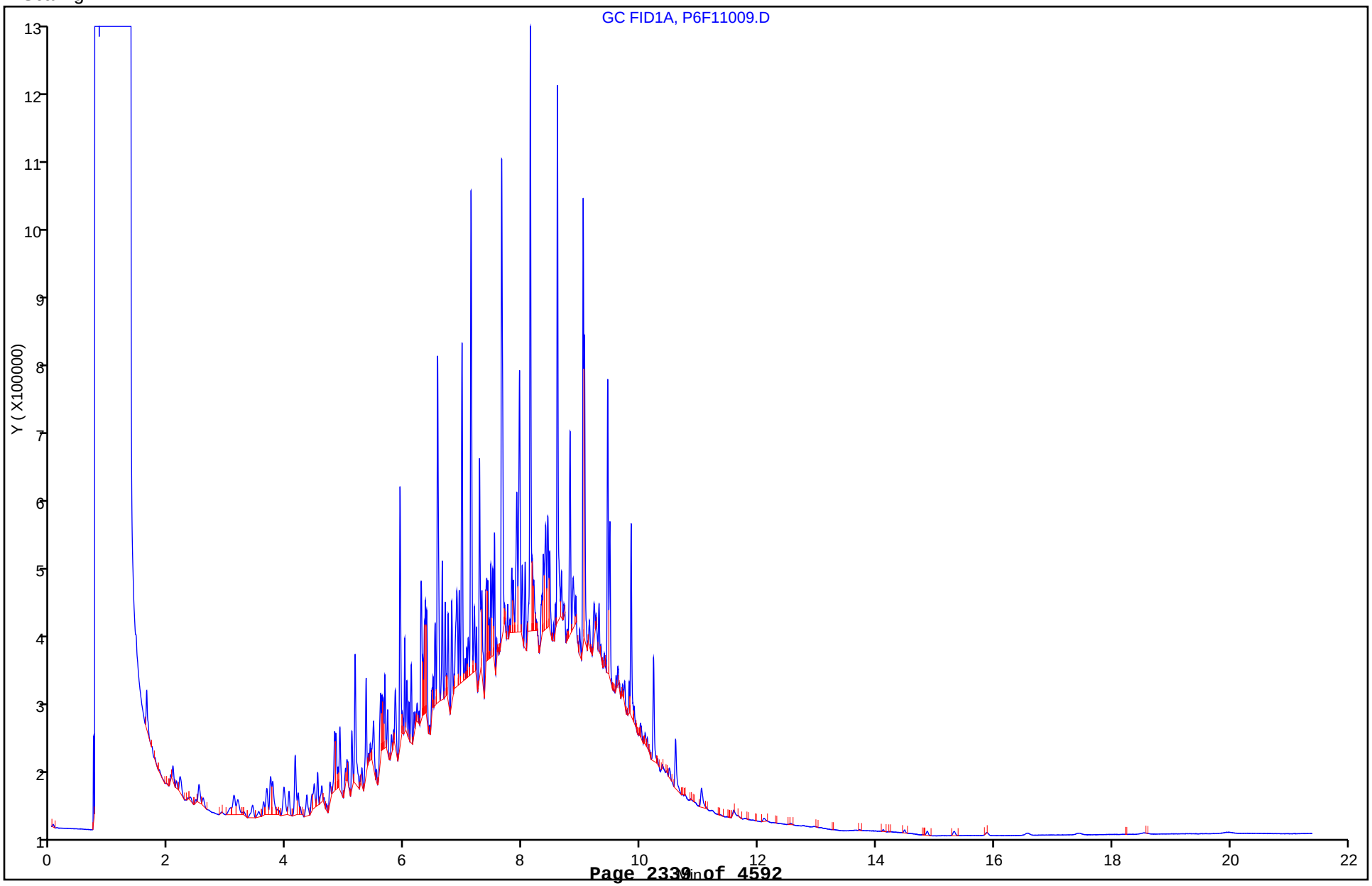
First Level Reviewer: bolgrind Date: 12-Dec-2012 08:53:13

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.379 | 5.157 - 13.602 | | 80766154 | 463.1 | |

Report Date: 12-Dec-2012 09:12:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11009.D | | |
| Injection Date: | 11-Dec-2012 18:42:07 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 68137 | Lims Sample ID: | 9 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |
| Y Scaling: | | | |



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70006/6 Calibration Date: 12/24/2012 15:54

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F24006.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 174388 | 183283 | | 526 | 500 | 5.1 | 20.0 |
| n-Nonane | Ave | 138103 | 149499 | | 54.1 | 50.0 | 8.3 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70006/6 Calibration Date: 12/24/2012 15:54

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F24006.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.39 | 5.17 | 13.60 |
| n-Nonane | 4.14 | 4.09 | 4.19 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24006.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 24-Dec-2012 15:54:14 | Dil. Factor: | 1.0000 |
| Sample Type: | CCVRT | | |
| Sample ID: | 240-0016152-006 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 6 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 6 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 10:07:11 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.139 | 4.139 | 0.000 | 7474971 | 54.1 | |
| A 15 Diesel | | | | | |
| 9.385 | 5.172 - 13.598 | | 91641643 | 525.5 | |

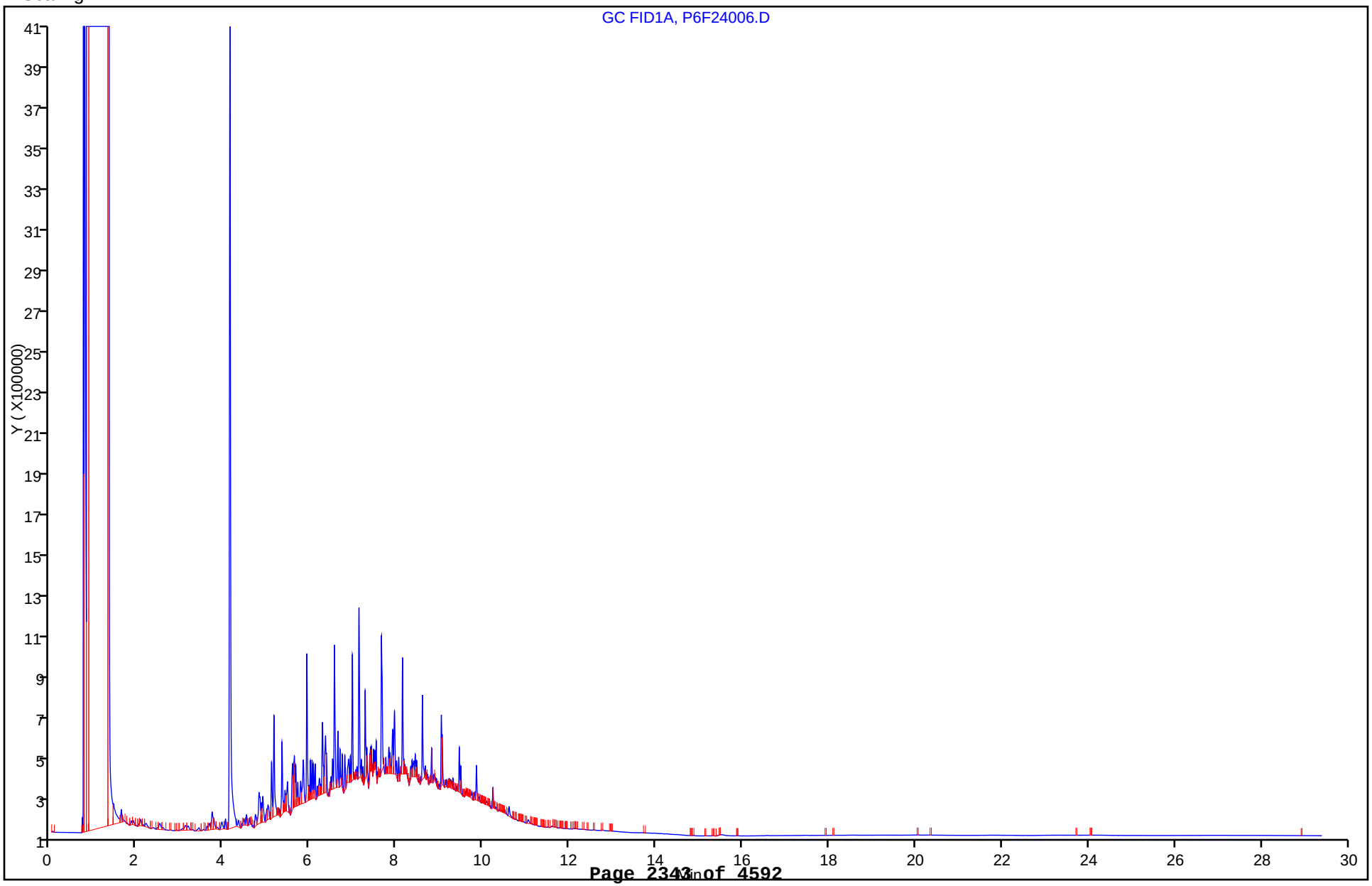
Report Date: 26-Dec-2012 10:07:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24006.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 15:54:14 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 6 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70006/17 Calibration Date: 12/24/2012 23:02

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F24017.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 174388 | 185998 | | 533 | 500 | 6.7 | 20.0 |
| n-Nonane | Ave | 138103 | 149996 | | 54.3 | 50.0 | 8.6 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70006/17 Calibration Date: 12/24/2012 23:02

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F24017.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.38 | 5.15 | 13.60 |
| n-Nonane | 4.14 | 4.09 | 4.19 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24017.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 24-Dec-2012 23:02:26 | Dil. Factor: | 1.0000 |
| Sample Type: | CCV | | |
| Sample ID: | 240-0016152-017 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 17 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 17 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:40 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.138 | 4.141 | -0.003 | 7499794 | 54.3 | |
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 92998978 | 533.3 | |

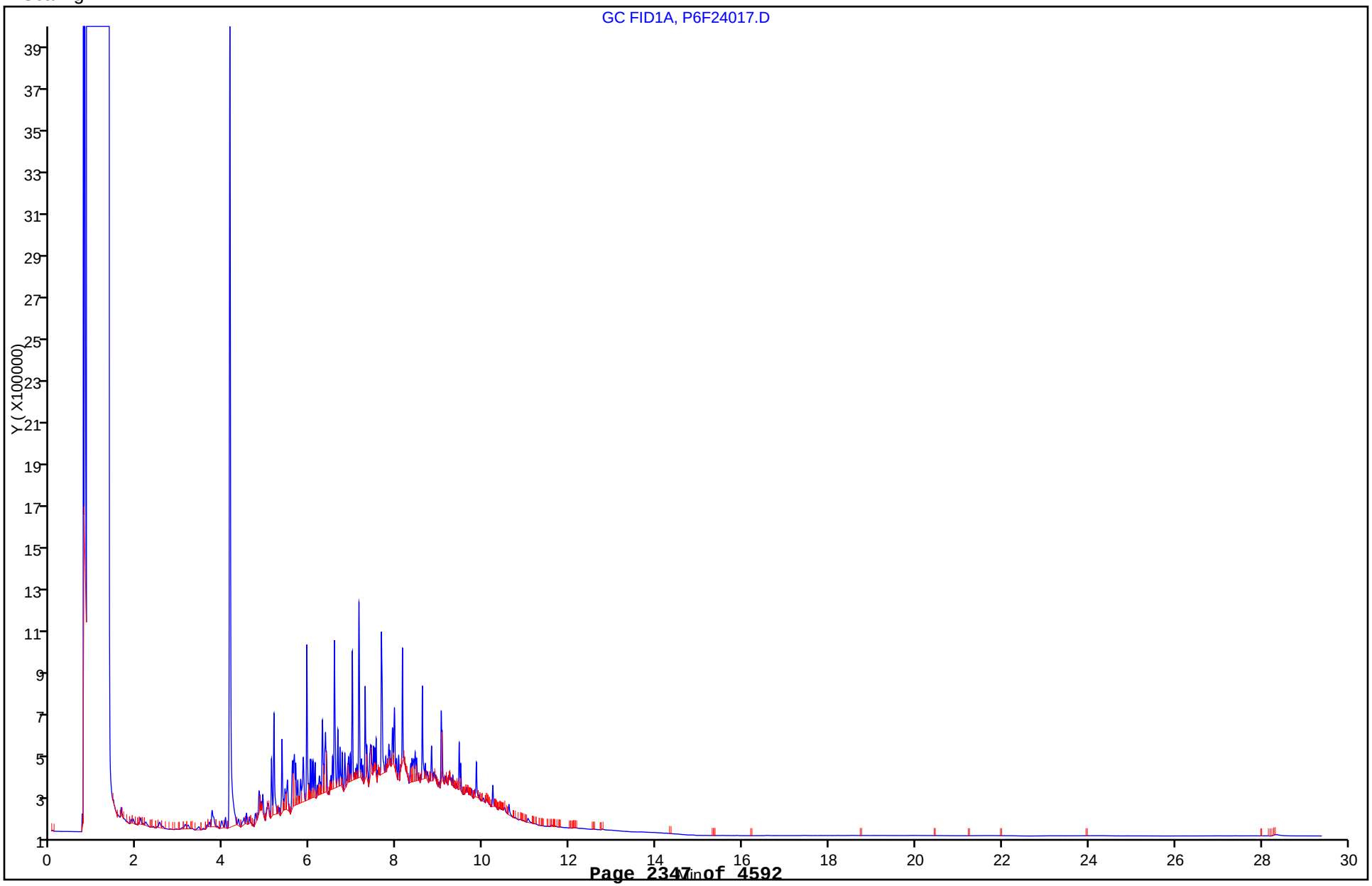
Report Date: 26-Dec-2012 09:44:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24017.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 23:02:26 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 17 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70006/28 Calibration Date: 12/25/2012 06:09

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F24028.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10 - C28] | Ave | 174388 | 186537 | | 535 | 500 | 7.0 | 20.0 |
| n-Nonane | Ave | 138103 | 154859 | | 56.1 | 50.0 | 12.1 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70006/28 Calibration Date: 12/25/2012 06:09

Instrument ID: A2HP6F Calib Start Date: 12/11/2012 16:08

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/11/2012 18:11

Lab File ID: P6F24028.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Diesel Range Organics [C10 - C28] | 9.38 | 5.15 | 13.60 |
| n-Nonane | 4.14 | 4.09 | 4.19 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24028.D | | |
| Lims ID: | CCV DIESEL | Client ID: | |
| Inject. Date: | 25-Dec-2012 06:09:18 | Dil. Factor: | 1.0000 |
| Sample Type: | CCV | | |
| Sample ID: | 240-0016152-028 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 28 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 28 |
| Sublist: | chrom-TPH6F*sub1 | | |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:51 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.137 | 4.141 | -0.004 | 7742956 | 56.1 | |
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 93268425 | 534.8 | |

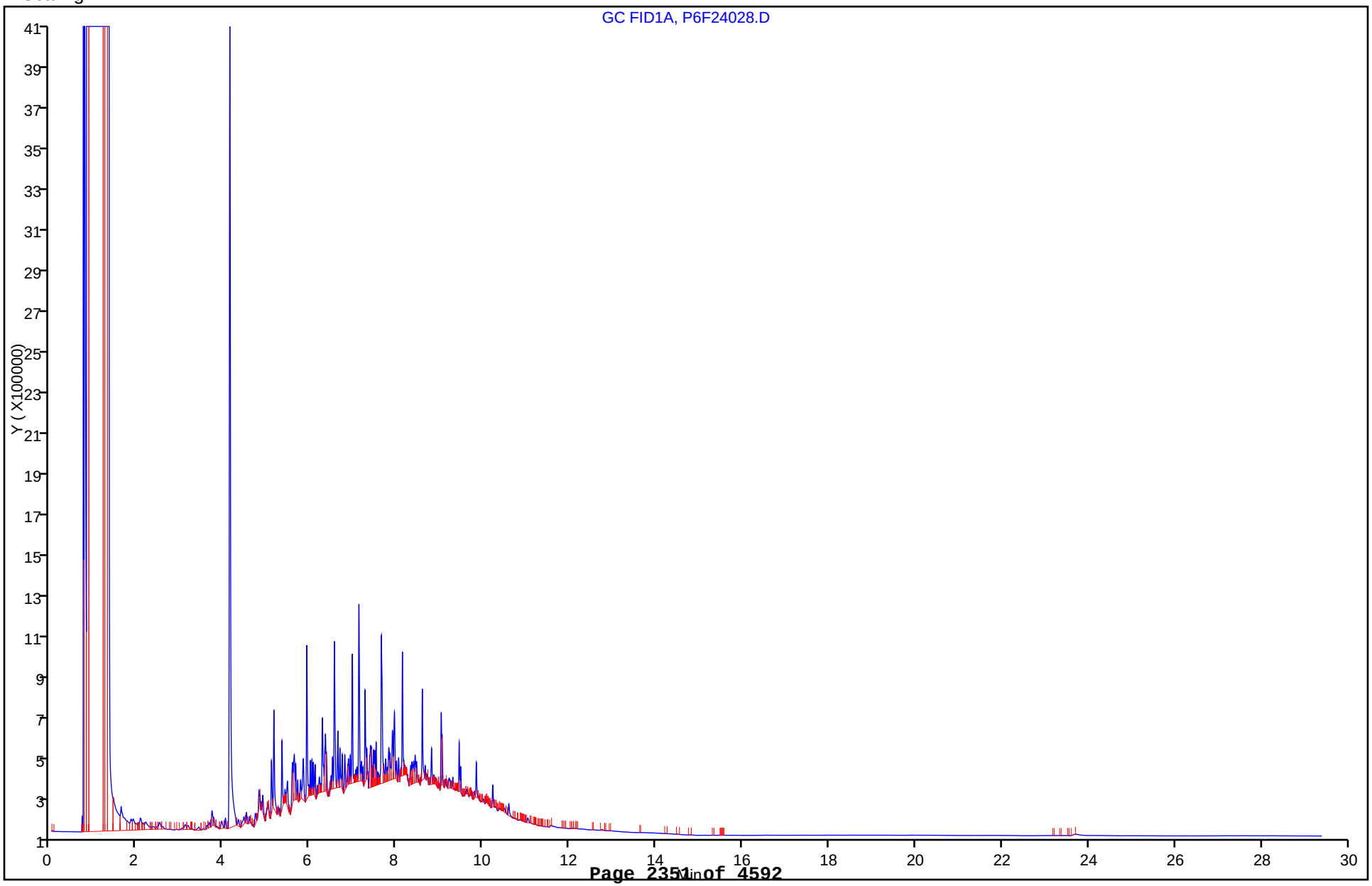
Report Date: 26-Dec-2012 09:44:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24028.D

| | | | |
|---|---|---|---|
| Injection Date: | 25-Dec-2012 06:09:18 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 28 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68549/15-A

Matrix: Water | Lab File ID: P5F10006.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:26

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 14:33

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68949 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 240 | U | 500 | 240 | 240 |
| STL00272 | C20-C34 | 240 | U | 500 | 240 | 240 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 50 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10006.D
Lims ID: MB 240-68549/15-A Client ID:
Inject. Date: 17-Dec-2012 14:33:17 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015908-006
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5F
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 68949 Lims Sample ID: 6
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m
Last Update: 18-Dec-2012 09:46:20 Calib Date: 24-Sep-2012 19:19:01
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 23.884 | | | | | |
| A 2 | C28-C36 | | | | | |
| | 13.696 - | 16.892 | | | | |
| A 3 | C10-C34 | | | | | |
| | 5.244 - | 15.592 | | | | |
| A 4 | C32-C44 | | | | | 1 |
| | 0.0 - | 0.100 | | | | |
| A 5 | C12-C22 | | | | | |
| | 6.616 - | 11.110 | | | | |
| A 6 | C22-C32 | | | | | |
| | 11.110 - | 14.813 | | | | |
| 7 | n-Octane | | | | | |
| | 2.796 | 2.754 | 0.042 | 46909 | 0 | |
| $ 8 | n-Nonane | | | | | |
| | 4.264 | 4.262 | 0.002 | 9776466 | 50.4 | |
| 9 | n-Decane | | | | | |
| | 5.246 | 5.244 | 0.002 | 20251 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.593 | 6.616 | -0.023 | 2153 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.660 | 7.686 | -0.026 | 2517 | 0 | |
| A 12 | C10-C20 | | | | | |
| | 5.244 - | 10.231 | | | | |
| 13 | Hexadecane | | | | | |
| | 8.643 | 8.620 | 0.023 | 6184 | 0 | |
| A 14 | C10-C28 | | | | | |
| | 5.189 - | 13.696 | | | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 5.244 - 13.616 | | | | | |
| 16 n-Octadecane | | | | | |
| 9.476 | 9.463 | 0.013 | 567 | 0 | |
| A 17 C10-C32 | | | | | |
| 5.244 - 14.813 | | | | | |
| 18 icosane | | | | | |
| 10.232 | 10.231 | 0.001 | 1784 | 0 | |
| 19 n-Docosane | | | | | |
| 11.092 | 11.110 | -0.018 | 1792 | 0 | |
| A 20 C12-C24 | | | | | |
| 3.039 - 6.058 | | | | | |
| 21 n-Tetracosane | | | | | |
| 12.131 | 12.124 | 0.007 | 1626 | 0 | |
| A 22 C20-C34 | | | | | |
| 10.231 - 15.592 | | | | | |
| 23 n-Hexacosane | | | | | |
| 12.943 | 12.936 | 0.007 | 1297 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.614 | 13.616 | -0.002 | 11006 | 0 | |
| 25 Triacontane | | | | | |
| 14.210 | 14.207 | 0.003 | 7084 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.817 | 14.813 | 0.004 | 15147 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.599 | 15.592 | 0.007 | 23992 | 0 | |
| A 28 C24-C40 | | | | | |
| 12.124 - 20.355 | | | | | |
| 29 n-Hexatriacontane | | | | | |
| 16.655 | 16.664 | -0.009 | 5154 | 0 | |
| 30 C38 | | | | | |
| 18.166 | 18.196 | -0.030 | 8621 | 0 | |
| 31 C40 | | | | | |
| 20.380 | 20.355 | 0.025 | 4727 | 0 | |
| A 32 C20-C36 | | | | | |
| 10.231 - 16.664 | | | | | |
| A 34 C24-C44 | | | | | |
| 12.124 - 23.884 | | | | | |
| A 35 C10-C24 | | | | | |
| 3.117 - 4.463 | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

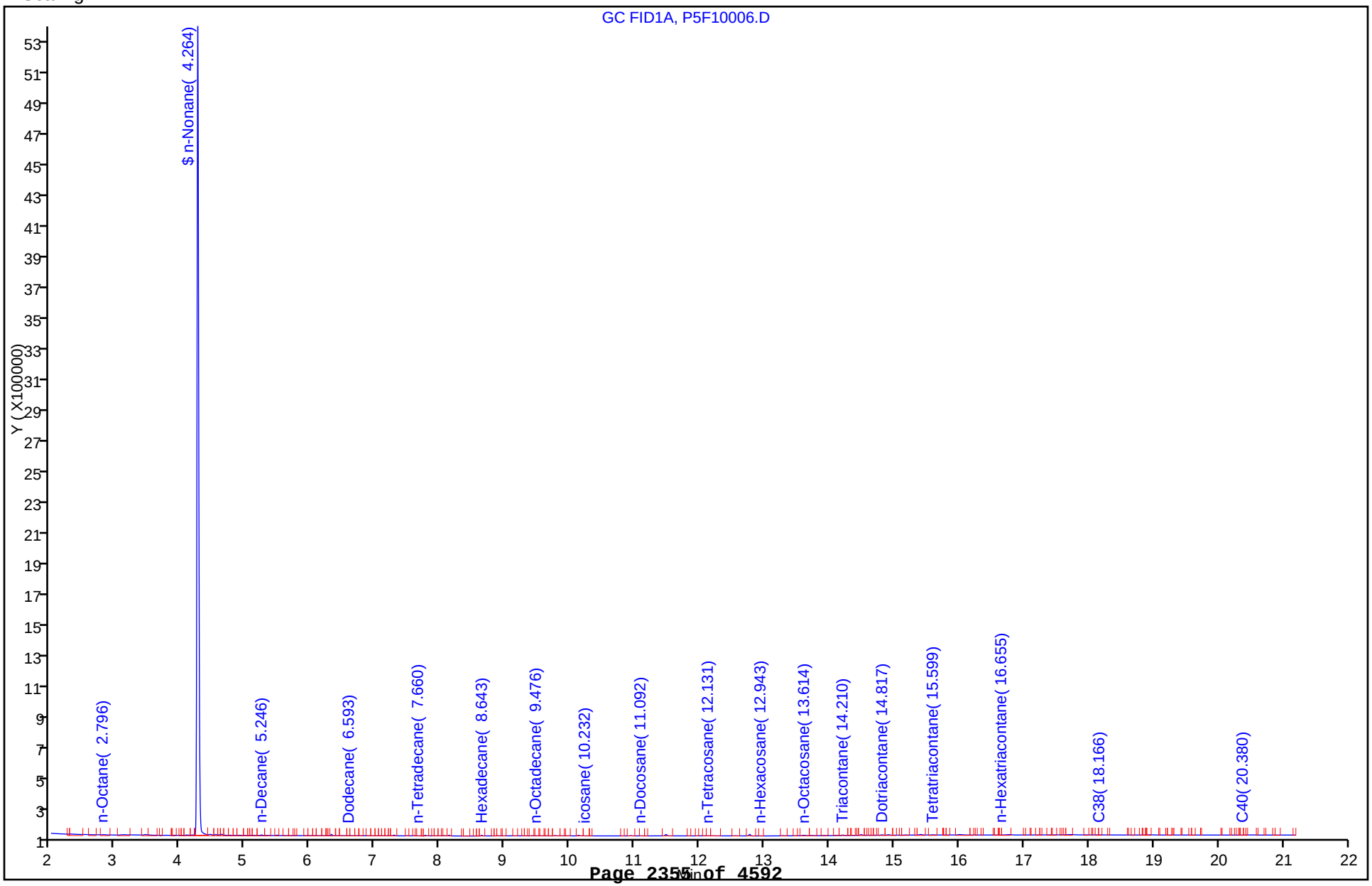
Report Date: 18-Dec-2012 09:46:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10006.D

| | | | |
|---|---|---|---|
| Injection Date: | 17-Dec-2012 14:33:17 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 6 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69559/17-A

Matrix: Solid | Lab File ID: P6F24007.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 16:32

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 9.3 | U | 17 | 9.3 | 9.3 |
| STL00272 | C20-C34 | 9.3 | U | 17 | 9.3 | 9.3 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 64 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24007.D
Lims ID: MB 240-69559/17-A Client ID:
Inject. Date: 24-Dec-2012 16:32:49 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016152-007
Misc. Info.:
Operator: 4275 Instrument ID: A2HP6F
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 70006 Lims Sample ID: 7
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m
Last Update: 26-Dec-2012 10:07:11 Calib Date: 11-Dec-2012 18:11:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

| | | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | 27.289 | | | | | 1 |
| A | 2 C28-C36 | 13.701 | -16.672 | | | | |
| A | 3 C10-C34 | 10.321 | 5.172 - 15.471 | | 12962542 | 74.3 | |
| A | 4 C32-C44 | 14.808 | -14.808 | | | | |
| A | 5 C12-C22 | 6.582 | - 11.022 | | | | |
| A | 6 C22-C32 | 11.022 | -14.808 | | | | |
| | 7 n-Octane | 2.490 | 2.511 | -0.021 | 420063 | 0 | |
| $ | 8 n-Nonane | 4.129 | 4.139 | -0.010 | 8897734 | 64.4 | |
| | 9 n-Decane | 5.143 | 5.172 | -0.029 | 497 | 0 | |
| | 10 Dodecane | 6.582 | | | | | 1 |
| | 11 n-Tetradecane | 7.671 | | | | | 1 |
| A | 12 C10-C20 | 5.172 | - 10.246 | | | | |
| | 13 Hexadecane | 8.633 | 8.613 | 0.020 | 434 | 0 | |
| A | 14 C10-C28 | 9.420 | 5.139 - 13.701 | | 5780891 | 34.8 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.385 | 5.172 - 13.598 | | 5721941 | 32.8 | |
| 16 n-Octadecane | | | | | |
| 9.458 | 9.483 | -0.025 | 688 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.990 | 5.172 - 14.808 | | 11613446 | 66.6 | |
| 18 icosane | | | | | 1 |
| 10.246 | | | | | |
| 19 n-Docosane | | | | | 1 |
| 11.022 | | | | | |
| A 20 C12-C24 | | | | | |
| 6.582 - 12.063 | | | | | |
| 21 n-Tetracosane | | | | | 1 |
| 12.063 | | | | | |
| A 22 C20-C34 | | | | | |
| 10.246 -15.471 | | | | | |
| 23 n-Hexacosane | | | | | 1 |
| 12.906 | | | | | |
| 24 n-Octacosane | | | | | 1 |
| 13.598 | | | | | |
| 25 Triacontane | | | | | 1 |
| 14.198 | | | | | |
| 26 Dotriacontane | | | | | |
| 14.811 | 14.808 | 0.003 | 664 | 0 | |
| 27 Tetratriacontane | | | | | 1 |
| 15.471 | | | | | |
| A 28 C24-C40 | | | | | |
| 12.063 -19.886 | | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| 16.460 | | | | | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 10.246 -16.460 | | | | | |
| A 33 C24-C44 | | | | | |
| 12.063 -27.069 | | | | | |
| A 34 C10-C24 | | | | | |
| 5.172 - 12.063 | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

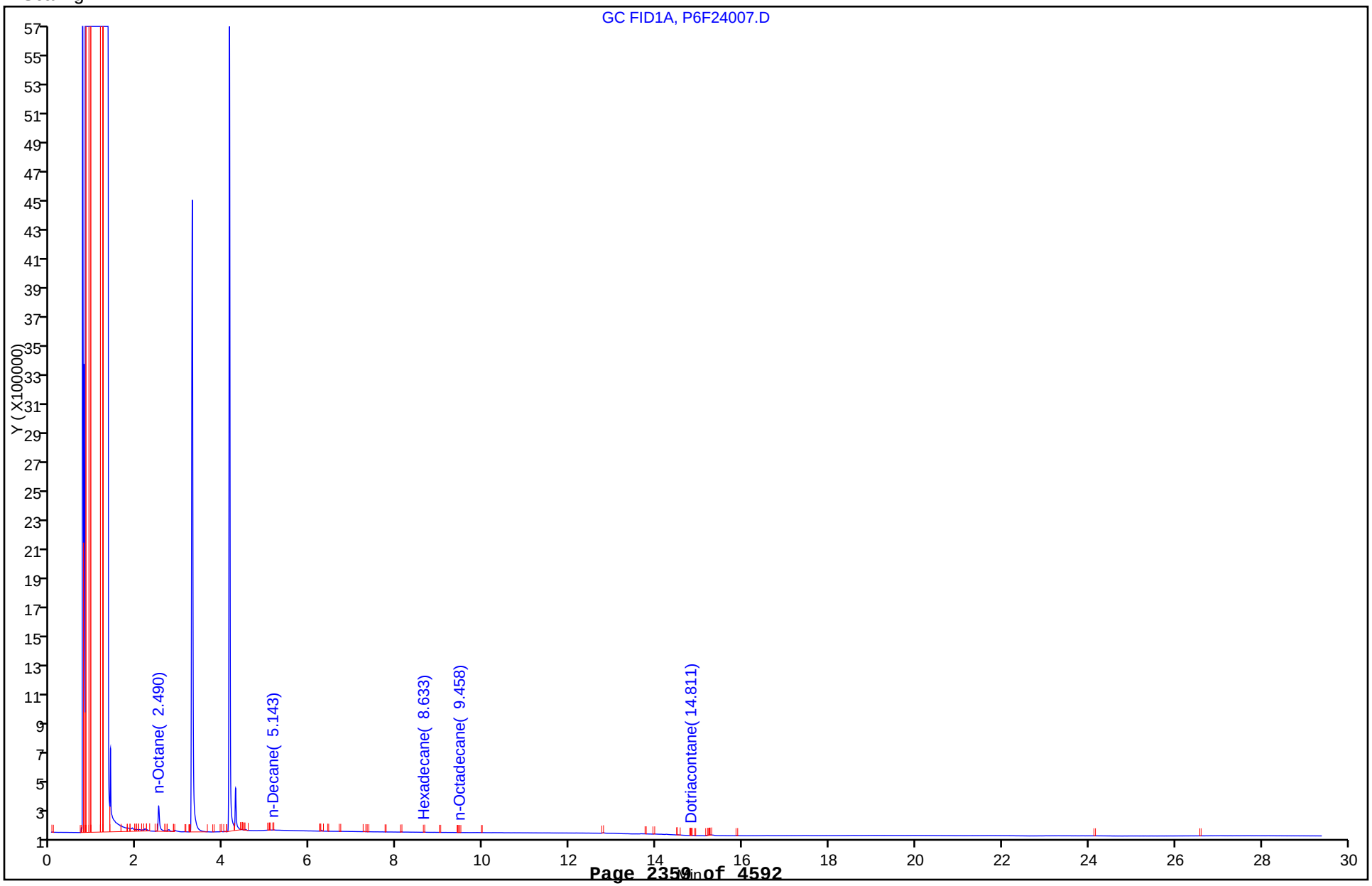
Report Date: 26-Dec-2012 10:07:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24007.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 16:32:49 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 7 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69794/6-A

Matrix: Solid | Lab File ID: P6F24021.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/21/2012 11:38

Sample wt/vol: 30.00(g) | Date Analyzed: 12/25/2012 01:37

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 9.3 | U | 17 | 9.3 | 9.3 |
| STL00272 | C20-C34 | 9.3 | U | 17 | 9.3 | 9.3 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 62 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24021.D
Lims ID: MB 240-69794/6-A Client ID:
Inject. Date: 25-Dec-2012 01:37:45 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016152-021
Misc. Info.:
Operator: 4275 Instrument ID: A2HP6F
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 70006 Lims Sample ID: 21
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m
Last Update: 26-Dec-2012 09:44:40 Calib Date: 11-Dec-2012 18:11:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

| | | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | 27.289 | | | | | 1 |
| A | 2 C28-C36 | 13.701 - 16.672 | | | | | |
| A | 3 C10-C34 | 10.316 | 5.154 - 15.478 | | 9869536 | 56.6 | |
| A | 4 C32-C44 | 14.764 - 14.769 | | | | | |
| A | 5 C12-C22 | 6.554 - 11.022 | | | | | |
| A | 6 C22-C32 | 11.022 - 14.764 | | | | | |
| | 7 n-Octane | 2.503 | 2.507 | -0.004 | 422694 | 0 | |
| $ | 8 n-Nonane | 4.132 | 4.141 | -0.009 | 8495099 | 61.5 | |
| | 9 n-Decane | 5.146 | 5.154 | -0.008 | 568 | 0 | |
| | 10 Dodecane | 6.554 | | | | | 1 |
| | 11 n-Tetradecane | 7.643 | | | | | 1 |
| A | 12 C10-C20 | 5.154 - 10.218 | | | | | |
| | 13 Hexadecane | 8.591 | | | | | 1 |
| A | 14 C10-C28 | 5.119 - 13.701 | | | | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| | 5.154 - 13.598 | | | | |
| 16 n-Octadecane | | | | | 1 |
| | 9.443 | | | | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 8444306 | 48.4 | |
| 18 icosane | | | | | 1 |
| | 10.218 | | | | |
| 19 n-Docosane | | | | | 1 |
| | 11.022 | | | | |
| A 20 C12-C24 | | | | | |
| | 6.554 - 12.063 | | | | |
| 21 n-Tetracosane | | | | | 1 |
| | 12.063 | | | | |
| A 22 C20-C34 | | | | | |
| | 10.218 -15.478 | | | | |
| 23 n-Hexacosane | | | | | 1 |
| | 12.906 | | | | |
| 24 n-Octacosane | | | | | 1 |
| | 13.598 | | | | |
| 25 Triacontane | | | | | 1 |
| | 14.198 | | | | |
| 26 Dotriacontane | | | | | 1 |
| | 14.764 | | | | |
| 27 Tetratriacontane | | | | | 1 |
| | 15.478 | | | | |
| A 28 C24-C40 | | | | | |
| | 12.063 -19.886 | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| | 16.460 | | | | |
| 30 C38 | | | | | 1 |
| | 17.863 | | | | |
| 31 C40 | | | | | 1 |
| | 19.886 | | | | |
| A 32 C20-C36 | | | | | |
| | 10.218 -16.460 | | | | |
| A 33 C24-C44 | | | | | |
| | 12.063 -27.069 | | | | |
| A 34 C10-C24 | | | | | |
| | 5.154 - 12.063 | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

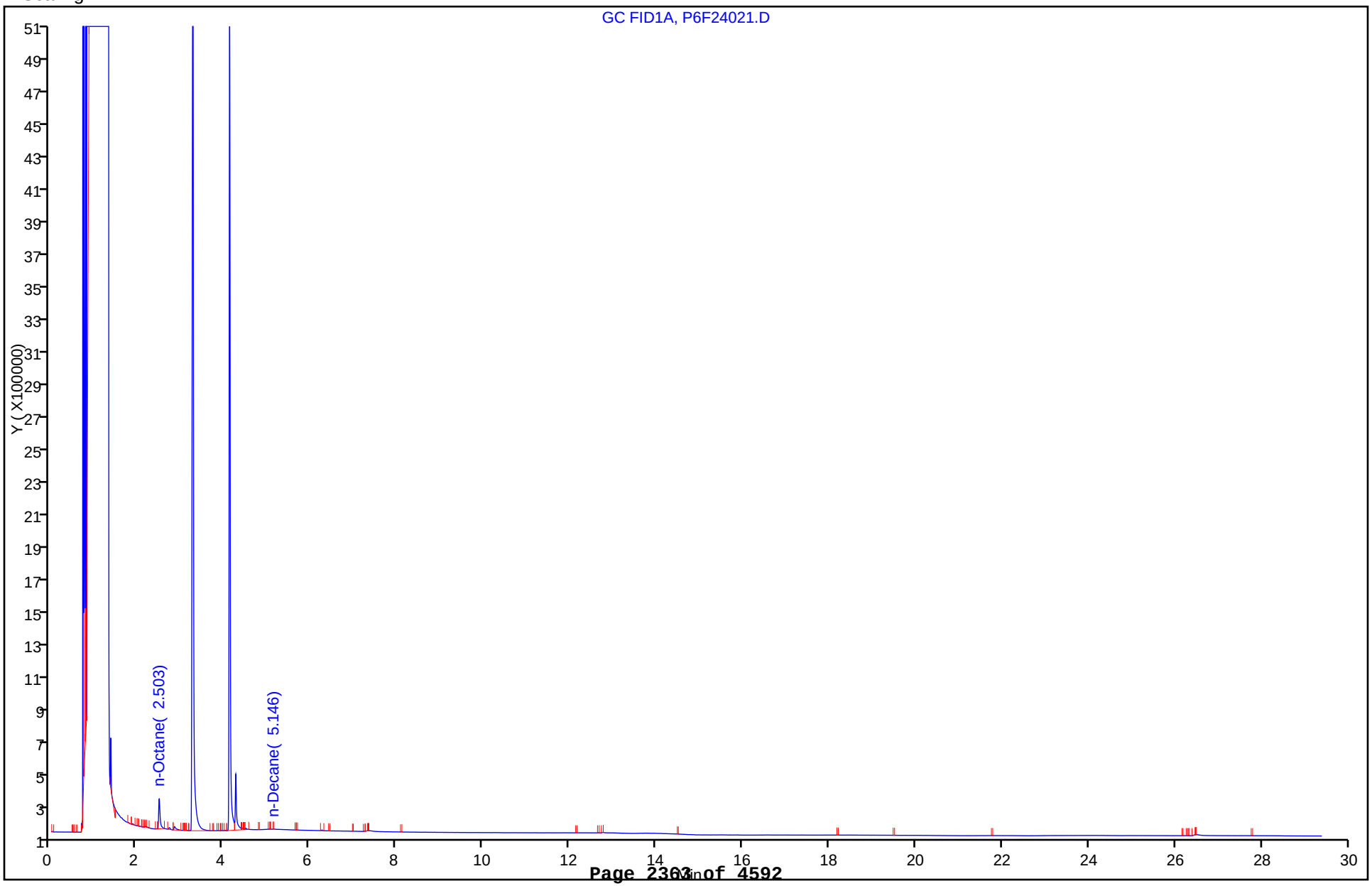
Report Date: 26-Dec-2012 09:44:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24021.D

| | | | |
|---|---|---|---|
| Injection Date: | 25-Dec-2012 01:37:45 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 21 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69985/23-A

Matrix: Solid | Lab File ID: P5F10006.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 30.00(g) | Date Analyzed: 12/27/2012 13:44

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 9.3 | U | 17 | 9.3 | 9.3 |
| STL00272 | C20-C34 | 9.3 | U | 17 | 9.3 | 9.3 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 48 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10006.D
Lims ID: MB 240-69985/23-A Client ID:
Inject. Date: 27-Dec-2012 13:44:40 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016193-006
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5F
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 70185 Lims Sample ID: 6
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m
Last Update: 28-Dec-2012 09:49:07 Calib Date: 24-Sep-2012 19:19:01
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 23.884 | | | | | |
| A 2 | C28-C36 | | | | | |
| | 13.665 - 16.887 | | | | | |
| A 3 | C10-C34 | | | | | |
| | 5.234 - 15.580 | | | | | |
| A 4 | C32-C44 | | | | | 1 |
| | 0.0 - 0.100 | | | | | |
| A 5 | C12-C22 | | | | | |
| | 6.608 - 11.099 | | | | | |
| A 6 | C22-C32 | | | | | |
| | 11.099 - 14.803 | | | | | |
| 7 | n-Octane | | | | | |
| | 2.712 | 2.738 | -0.026 | 1243918 | 0 | |
| $ 8 | n-Nonane | | | | | |
| | 4.235 | 4.246 | -0.011 | 9318059 | 48.0 | |
| 9 | n-Decane | | | | | |
| | 5.229 | 5.234 | -0.005 | 14714 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.604 | 6.608 | -0.004 | 3431 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.680 | 7.678 | 0.002 | 1010 | 0 | |
| A 12 | C10-C20 | | | | | |
| | 5.234 - 10.223 | | | | | |
| 13 | Hexadecane | | | | | |
| | 8.634 | 8.613 | 0.021 | 3789 | 0 | |
| A 14 | C10-C28 | | | | | |
| | 5.188 - 13.665 | | | | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| A | 15 Diesel | | | | | |
| | | 5.234 - 13.608 | | | | |
| | 16 n-Octadecane | | | | | |
| | 9.411 | 9.456 | -0.045 | 1226 | 0 | |
| A | 17 C10-C32 | | | | | |
| | | 5.234 - 14.803 | | | | |
| | 18 icosane | | | | | |
| | 10.217 | 10.223 | -0.006 | 3215 | 0 | |
| | 19 n-Docosane | | | | | 1 |
| | | 11.099 | | | | |
| A | 20 C12-C24 | | | | | |
| | 4.548 | 3.039 - 6.058 | | 14359066 | 78.0 | |
| | 21 n-Tetracosane | | | | | |
| | 12.102 | 12.113 | -0.011 | 505 | 0 | |
| A | 22 C20-C34 | | | | | |
| | | 10.223 - 15.580 | | | | |
| | 23 n-Hexacosane | | | | | |
| | 12.934 | 12.928 | 0.006 | 1222 | 0 | |
| | 24 n-Octacosane | | | | | |
| | 13.581 | 13.608 | -0.027 | 21129 | 0 | |
| | 25 Triacontane | | | | | |
| | 14.200 | 14.198 | 0.002 | 2868 | 0 | |
| | 26 Dotriacontane | | | | | |
| | 14.804 | 14.803 | 0.001 | 16417 | 0 | |
| | 27 Tetratriacontane | | | | | |
| | 15.576 | 15.580 | -0.004 | 4739 | 0 | |
| A | 28 C24-C40 | | | | | |
| | | 12.113 - 20.374 | | | | |
| | 29 n-Hexatriacontane | | | | | 1 |
| | | 16.648 | | | | |
| | 30 C38 | | | | | |
| | 18.148 | 18.171 | -0.023 | 4840 | 0 | |
| | 31 C40 | | | | | |
| | 20.414 | 20.374 | 0.040 | 3189 | 0 | |
| A | 32 C20-C36 | | | | | |
| | | 10.223 - 16.648 | | | | |
| A | 34 C24-C44 | | | | | |
| | | 12.113 - 23.884 | | | | |
| A | 35 C10-C24 | | | | | |
| | 3.790 | 3.117 - 4.463 | | 13616875 | 73.9 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

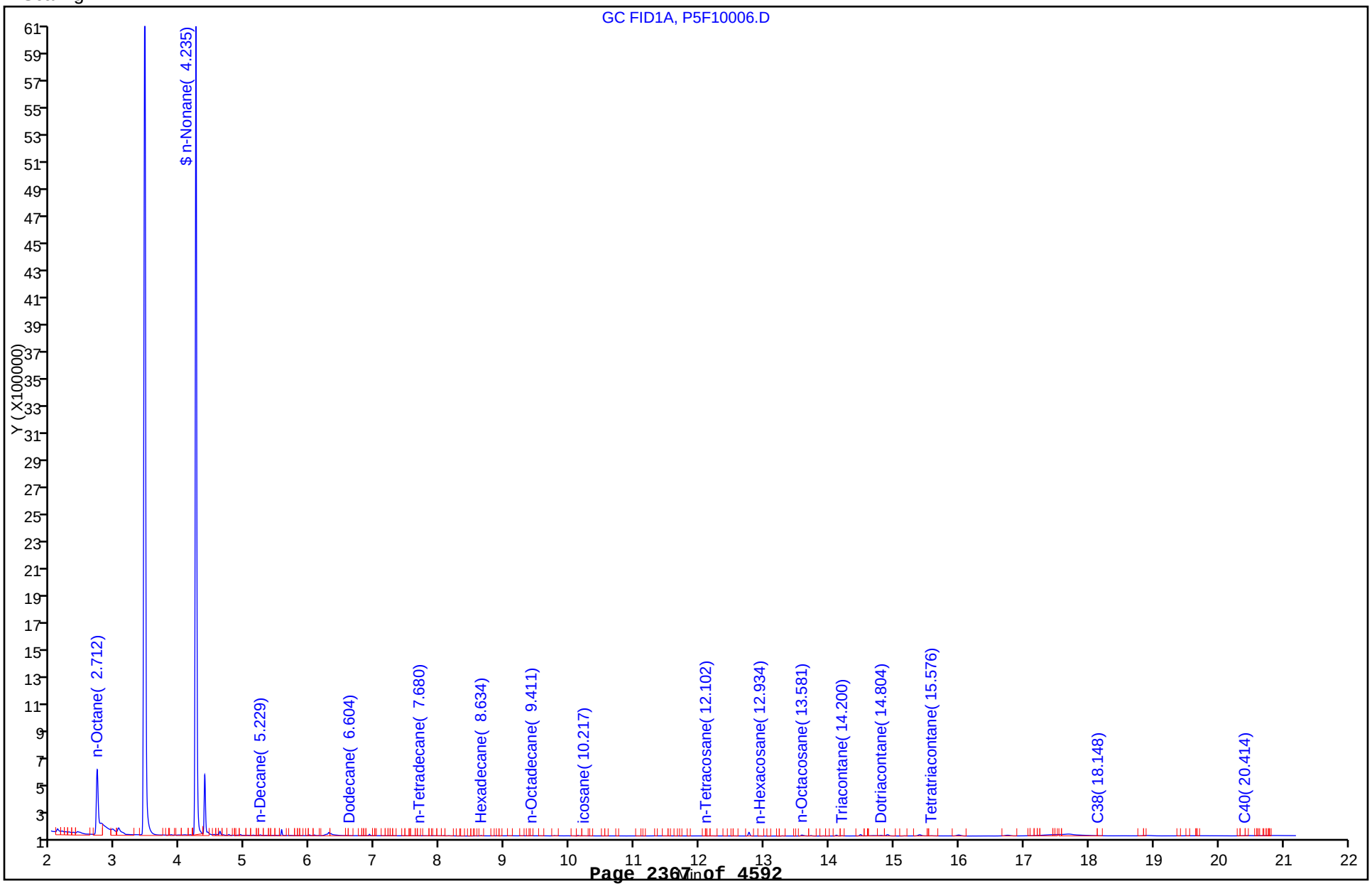
Report Date: 28-Dec-2012 09:49:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10006.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 13:44:40 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 6 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68549/16-A

Matrix: Water Lab File ID: P5F10007.D

Analysis Method: 8015B_DRO/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/13/2012 11:26

Sample wt/vol: 1000(mL) Date Analyzed: 12/17/2012 15:03

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 68949 Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 74 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10007.D | | |
| Lims ID: | LCS 240-68549/16-A | Client ID: | |
| Inject. Date: | 17-Dec-2012 15:03:55 | Dil. Factor: | 1.0000 |
| Sample Type: | LCS | | |
| Sample ID: | 240-0015908-007 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 7 |
| Lims Batch ID: | 68949 | Lims Sample ID: | 7 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m | | |
| Last Update: | 18-Dec-2012 09:46:20 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK033 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.263 | 4.262 | 0.001 | 14369014 | 74.0 | |
| A 15 Diesel | | | | | |
| 9.430 | 5.244 - 13.616 | | 85349546 | 463.5 | |

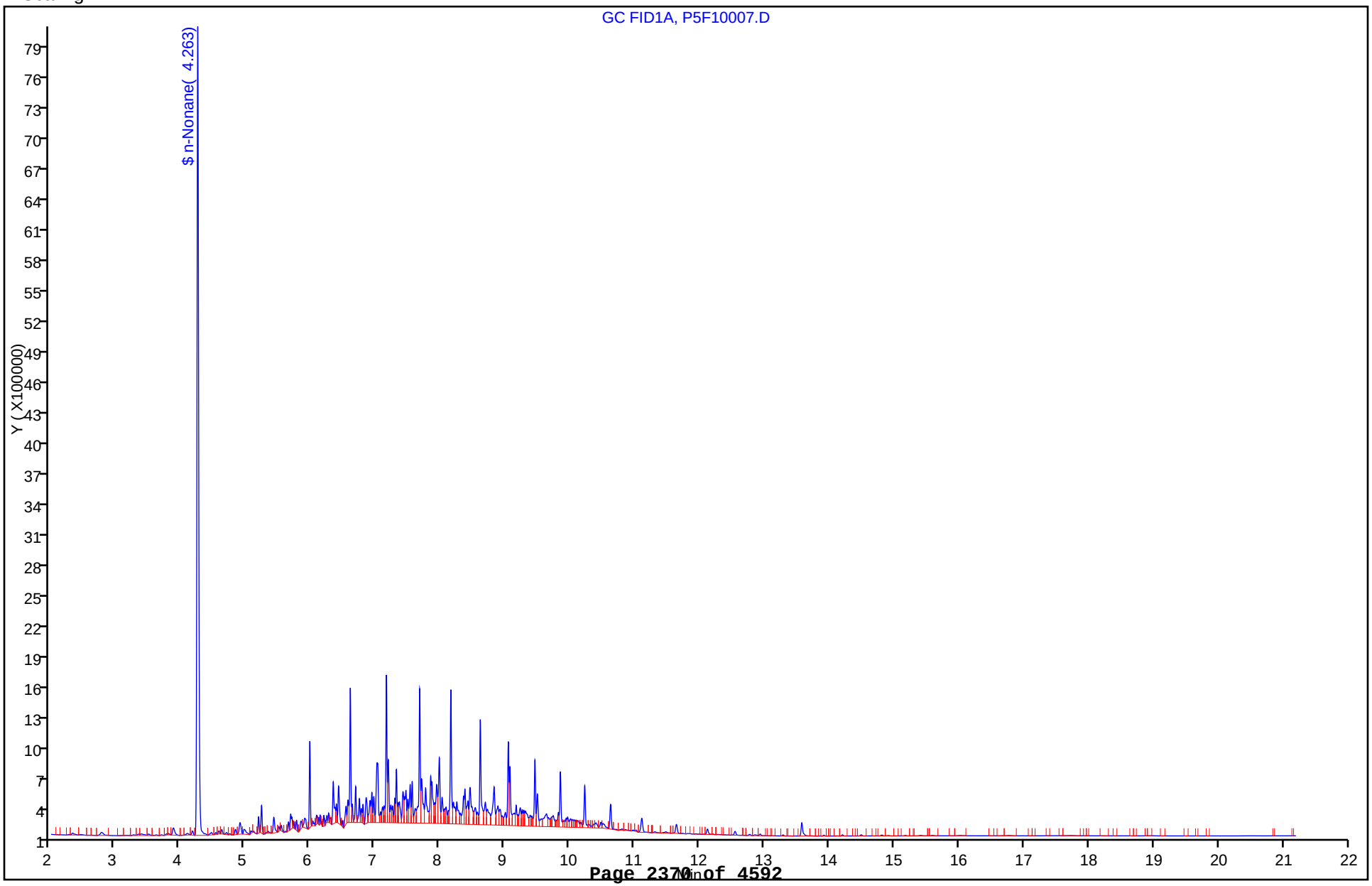
Report Date: 18-Dec-2012 09:46:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10007.D

| | | | |
|---|---|---|---|
| Injection Date: | 17-Dec-2012 15:03:55 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 7 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69559/18-A

Matrix: Solid | Lab File ID: P6F24008.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 17:11

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 68 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24008.D | | |
| Lims ID: | LCS 240-69559/18-A | Client ID: | |
| Inject. Date: | 24-Dec-2012 17:11:29 | Dil. Factor: | 1.0000 |
| Sample Type: | LCS | | |
| Sample ID: | 240-0016152-008 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 8 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 8 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 10:07:11 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.130 | 4.139 | -0.009 | 9393468 | 68.0 | |
| A 15 Diesel | | | | | |
| 9.385 | 5.172 - 13.598 | | 72052900 | 413.2 | |

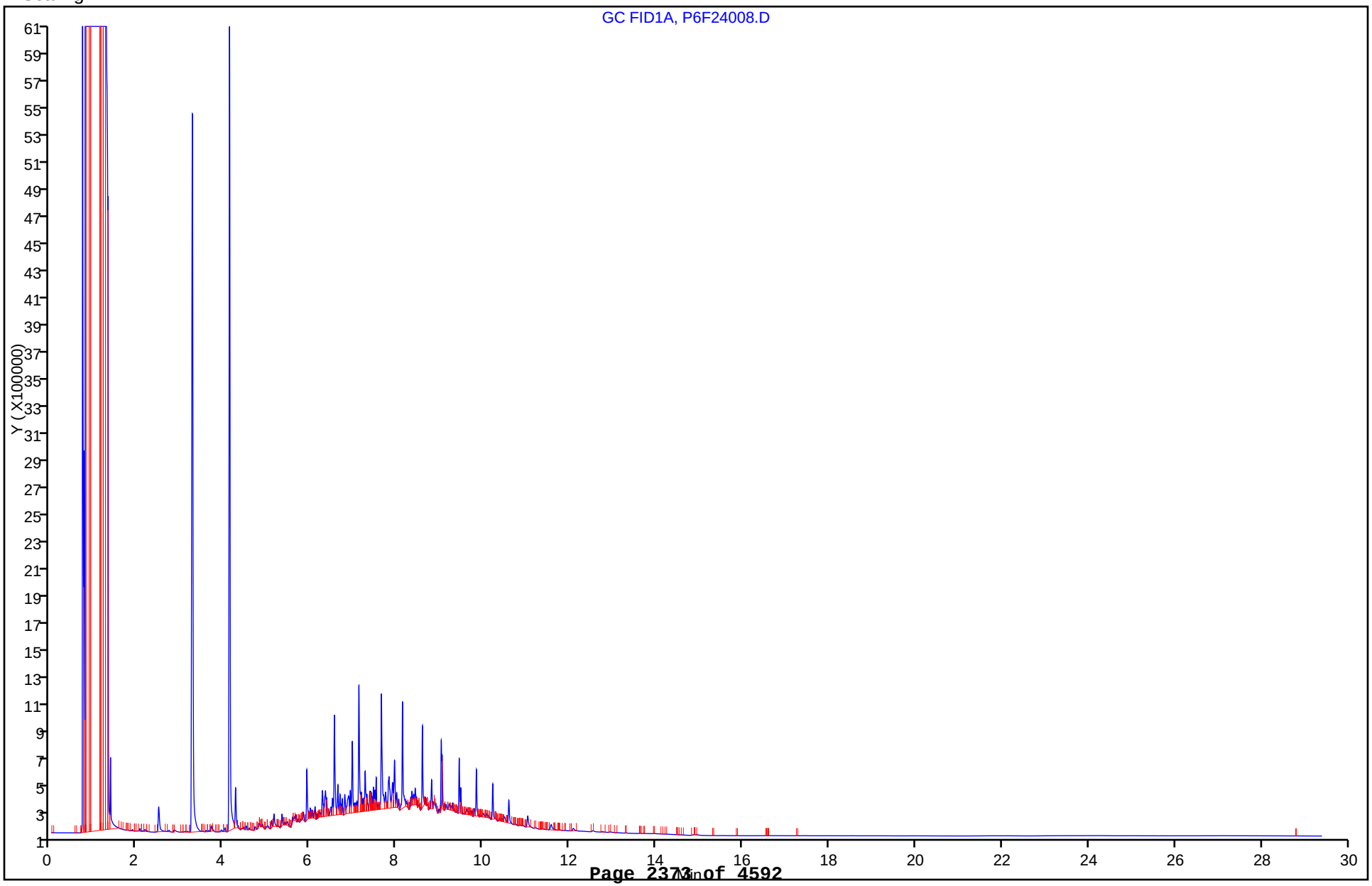
Report Date: 26-Dec-2012 10:07:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24008.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 17:11:29 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 8 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69794/7-A

Matrix: Solid | Lab File ID: P6F24022.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/21/2012 11:38

Sample wt/vol: 30.00(g) | Date Analyzed: 12/25/2012 02:16

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 67 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24022.D | | |
| Lims ID: | LCS 240-69794/7-A | Client ID: | |
| Inject. Date: | 25-Dec-2012 02:16:36 | Dil. Factor: | 1.0000 |
| Sample Type: | LCS | | |
| Sample ID: | 240-0016152-022 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP6F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 22 |
| Lims Batch ID: | 70006 | Lims Sample ID: | 22 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m | | |
| Last Update: | 26-Dec-2012 09:44:40 | Calib Date: | 11-Dec-2012 18:11:22 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK028 | | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| $ 8 n-Nonane | | | | | |
| 4.129 | 4.141 | -0.012 | 9212081 | 66.7 | |
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 72547903 | 416.0 | |

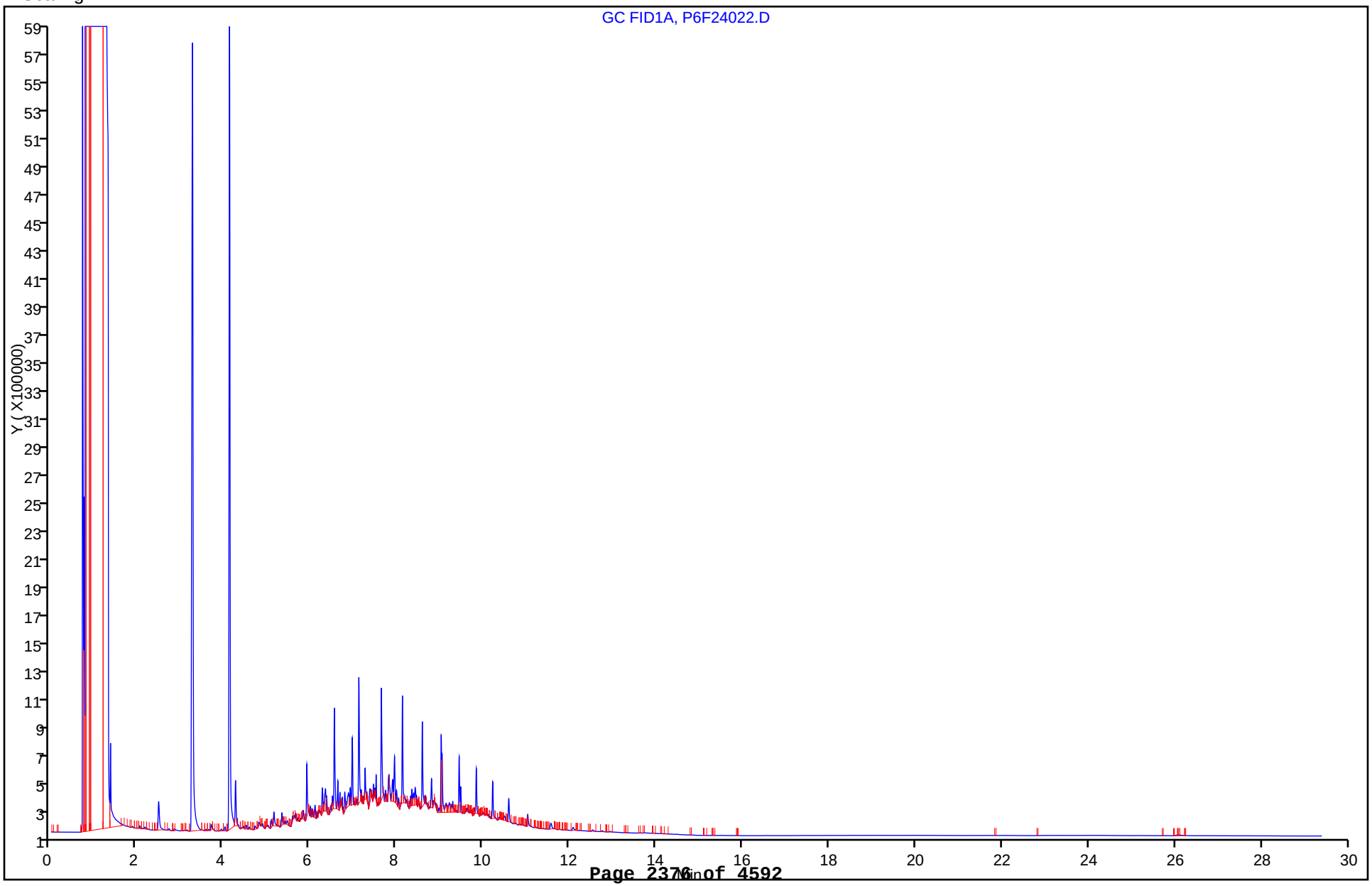
Report Date: 26-Dec-2012 09:44:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24022.D

| | | | |
|---|---|---|---|
| Injection Date: | 25-Dec-2012 02:16:36 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 22 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69985/24-A

Matrix: Solid | Lab File ID: P5F10007.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/24/2012 09:40

Sample wt/vol: 30.00(g) | Date Analyzed: 12/27/2012 14:14

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 | Units: mg/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 54 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10007.D | | |
| Lims ID: | LCS 240-69985/24-A | Client ID: | |
| Inject. Date: | 27-Dec-2012 14:14:53 | Dil. Factor: | 1.0000 |
| Sample Type: | LCS | | |
| Sample ID: | 240-0016193-007 | | |
| Misc. Info.: | | | |
| Operator: | 4275 | Instrument ID: | A2HP5F |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 7 |
| Lims Batch ID: | 70185 | Lims Sample ID: | 7 |
| Detector: | GC FID1A | | |
| Method: | \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m | | |
| Last Update: | 28-Dec-2012 09:49:07 | Calib Date: | 24-Sep-2012 19:19:01 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D | | |
| Limit Group: | GC 8015C TPH ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK031 | | |

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| $ | 8 n-Nonane | | | | | |
| | 4.231 | 4.246 | -0.015 | 10458161 | 53.9 | |
| A | 15 Diesel | | | | | |
| | 9.421 | 5.234 - 13.608 | | 71339114 | 387.4 | |

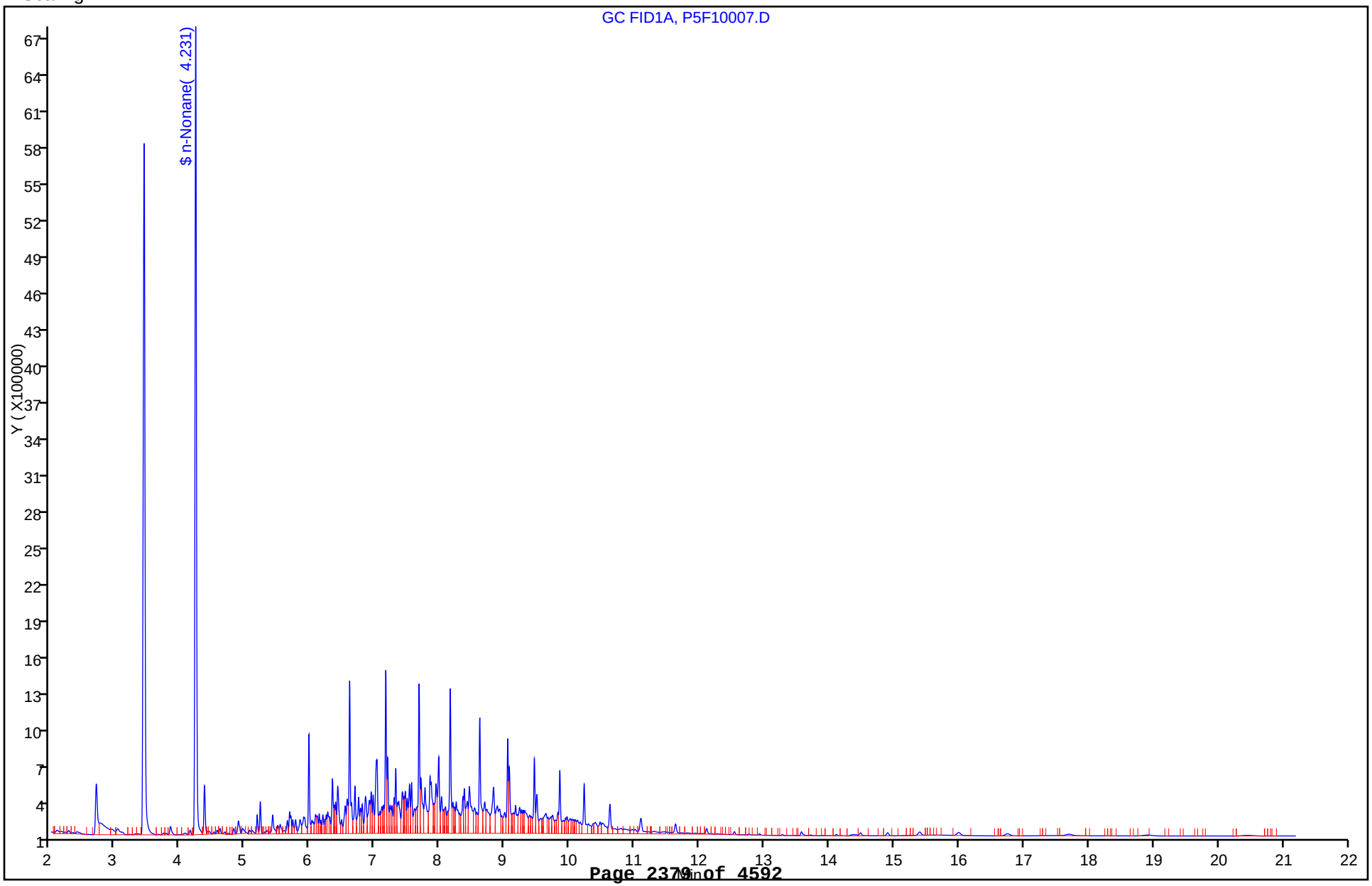
Report Date: 28-Dec-2012 09:49:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10007.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 14:14:53 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 7 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68949/4

Matrix: Water | Lab File ID: P5F10004.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 13:32

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68949 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 74.4 | J | 100 | 48 | 48 |
| STL00272 | C20-C34 | 48 | U | 100 | 48 | 48 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 74 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10004.D
Lims ID: MRL Client ID:
Inject. Date: 17-Dec-2012 13:32:25 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015908-004
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5F
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 68949 Lims Sample ID: 4
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m
Last Update: 18-Dec-2012 09:46:18 Calib Date: 24-Sep-2012 19:19:01
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | 1 |
| | 23.884 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 13.696 | -16.892 | | | | |
| A | 3 C10-C34 | | | | | |
| | 10.418 | 5.244 - 15.592 | | 18628604 | 101.2 | |
| A | 4 C32-C44 | | | | | 1 |
| | 0.0 - | 0.100 | | | | |
| A | 5 C12-C22 | | | | | |
| | 8.863 | 6.616 - 11.110 | | 11933407 | 64.8 | |
| A | 6 C22-C32 | | | | | |
| | 11.110 | -14.813 | | | | |
| | 7 n-Octane | | | | | |
| | 2.771 | 2.754 | 0.017 | 24090 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.262 | 4.262 | 0.000 | 1432232 | 7.38 | |
| | 9 n-Decane | | | | | |
| | 5.246 | 5.244 | 0.002 | 193950 | 0 | |
| | 10 Dodecane | | | | | |
| | 6.616 | 6.616 | 0.000 | 253228 | 0 | |
| | 11 n-Tetradecane | | | | | |
| | 7.685 | 7.686 | -0.001 | 291202 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.719 | 5.244 - 10.231 | | 13693524 | 74.4 | |
| | 13 Hexadecane | | | | | |
| | 8.620 | 8.620 | 0.000 | 288135 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.442 | 5.189 - 13.696 | | 18386790 | 91.5 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.430 | 5.244 - 13.616 | | 18144619 | 98.5 | |
| 16 n-Octadecane | | | | | |
| 9.462 | 9.463 | -0.001 | 133369 | 0 | |
| A 17 C10-C32 | | | | | |
| 10.029 | 5.244 - 14.813 | | 18366635 | 99.7 | |
| 18 icosane | | | | | |
| 10.231 | 10.231 | 0.000 | 62339 | 0 | |
| 19 n-Docosane | | | | | |
| 11.111 | 11.110 | 0.001 | 17342 | 0 | |
| A 20 C12-C24 | | | | | |
| | 3.039 - 6.058 | | | | |
| 21 n-Tetracosane | | | | | |
| 12.128 | 12.124 | 0.004 | 5370 | 0 | |
| A 22 C20-C34 | | | | | |
| | 10.231 - 15.592 | | | | |
| 23 n-Hexacosane | | | | | |
| 12.941 | 12.936 | 0.005 | 1881 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.616 | 13.616 | 0.000 | 2933 | 0 | |
| 25 Triacontane | | | | | |
| 14.208 | 14.207 | 0.001 | 2648 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.812 | 14.813 | -0.001 | 5373 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.604 | 15.592 | 0.012 | 3188 | 0 | |
| A 28 C24-C40 | | | | | |
| | 12.124 - 20.355 | | | | |
| 29 n-Hexatriacontane | | | | | |
| 16.643 | 16.664 | -0.021 | 1950 | 0 | |
| 30 C38 | | | | | |
| 18.212 | 18.196 | 0.016 | 4030 | 0 | |
| 31 C40 | | | | | |
| 20.340 | 20.355 | -0.015 | 2587 | 0 | |
| A 32 C20-C36 | | | | | |
| | 10.231 - 16.664 | | | | |
| A 34 C24-C44 | | | | | |
| | 12.124 - 23.884 | | | | |
| A 35 C10-C24 | | | | | |
| | 3.117 - 4.463 | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

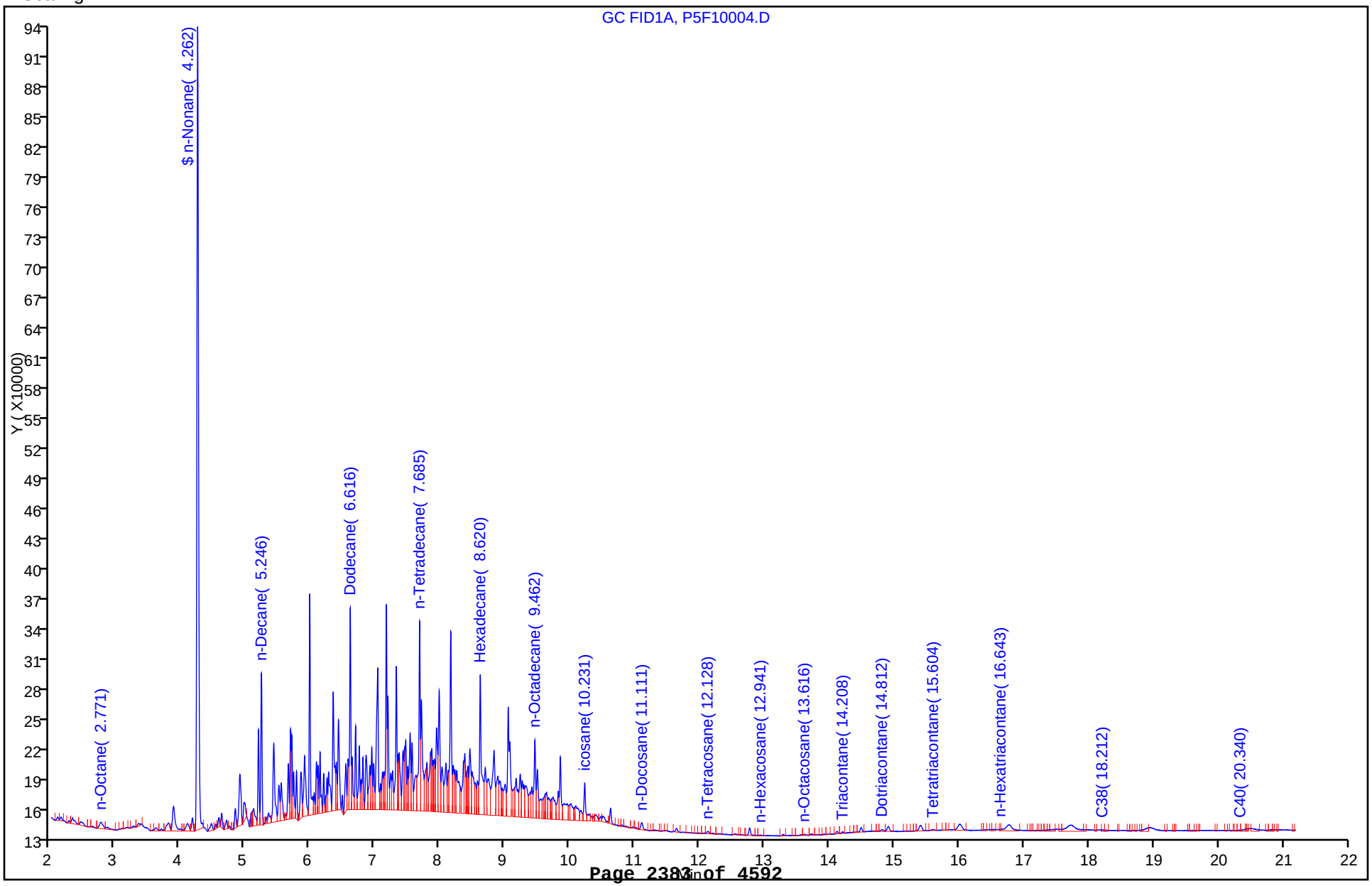
Report Date: 18-Dec-2012 09:46:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10004.D

| | | | |
|---|---|---|---|
| Injection Date: | 17-Dec-2012 13:32:25 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 4 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68949/23

Matrix: Water | Lab File ID: P5F10023.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 23:05

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68949 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 78.4 | J | 100 | 48 | 48 |
| STL00272 | C20-C34 | 48 | U | 100 | 48 | 48 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 78 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10023.D
Lims ID: MRL Client ID:
Inject. Date: 17-Dec-2012 23:05:17 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015908-023
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5F
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 68949 Lims Sample ID: 23
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\TPH5F.m
Last Update: 18-Dec-2012 09:46:28 Calib Date: 24-Sep-2012 19:19:01
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | 1 |
| | 23.884 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 13.696 | -16.892 | | | | |
| A | 3 C10-C34 | | | | | |
| | 10.418 | 5.244 - 15.592 | | 20547720 | 111.6 | |
| A | 4 C32-C44 | | | | | 1 |
| | 0.0 | - 0.100 | | | | |
| A | 5 C12-C22 | | | | | |
| | 8.863 | 6.616 - 11.110 | | 12721498 | 69.1 | |
| A | 6 C22-C32 | | | | | |
| | 11.110 | -14.813 | | | | |
| | 7 n-Octane | | | | | |
| | 2.774 | 2.754 | 0.020 | 25155 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.264 | 4.262 | 0.002 | 1510093 | 7.78 | |
| | 9 n-Decane | | | | | |
| | 5.247 | 5.244 | 0.003 | 225653 | 0 | |
| | 10 Dodecane | | | | | |
| | 6.617 | 6.616 | 0.001 | 316940 | 0 | |
| | 11 n-Tetradecane | | | | | |
| | 7.687 | 7.686 | 0.001 | 390881 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.719 | 5.244 - 10.231 | | 14437580 | 78.4 | |
| | 13 Hexadecane | | | | | |
| | 8.622 | 8.620 | 0.002 | 379808 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.442 | 5.189 - 13.696 | | 20073479 | 99.9 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.430 | 5.244 - 13.616 | | 19825217 | 107.7 | |
| 16 n-Octadecane | | | | | |
| 9.464 | 9.463 | 0.001 | 176210 | 0 | |
| A 17 C10-C32 | | | | | |
| 10.029 | 5.244 - 14.813 | | 20069461 | 109.0 | |
| 18 icosane | | | | | |
| 10.232 | 10.231 | 0.001 | 100453 | 0 | |
| 19 n-Docosane | | | | | |
| 11.114 | 11.110 | 0.004 | 23339 | 0 | |
| A 20 C12-C24 | | | | | |
| | 3.039 - 6.058 | | | | |
| 21 n-Tetracosane | | | | | |
| 12.131 | 12.124 | 0.007 | 4360 | 0 | |
| A 22 C20-C34 | | | | | |
| | 10.231 - 15.592 | | | | |
| 23 n-Hexacosane | | | | | |
| 12.938 | 12.936 | 0.002 | 1099 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.621 | 13.616 | 0.005 | 1625 | 0 | |
| 25 Triacontane | | | | | |
| 14.212 | 14.207 | 0.005 | 2206 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.827 | 14.813 | 0.014 | 2615 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.600 | 15.592 | 0.008 | 46119 | 0 | |
| A 28 C24-C40 | | | | | |
| | 12.124 - 20.355 | | | | |
| 29 n-Hexatriacontane | | | | | |
| 16.714 | 16.664 | 0.050 | 2526 | 0 | |
| 30 C38 | | | | | |
| 18.219 | 18.196 | 0.023 | 3186 | 0 | |
| 31 C40 | | | | | |
| 20.357 | 20.355 | 0.002 | 404 | 0 | |
| A 32 C20-C36 | | | | | |
| | 10.231 - 16.664 | | | | |
| A 34 C24-C44 | | | | | |
| | 12.124 - 23.884 | | | | |
| A 35 C10-C24 | | | | | |
| | 3.117 - 4.463 | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

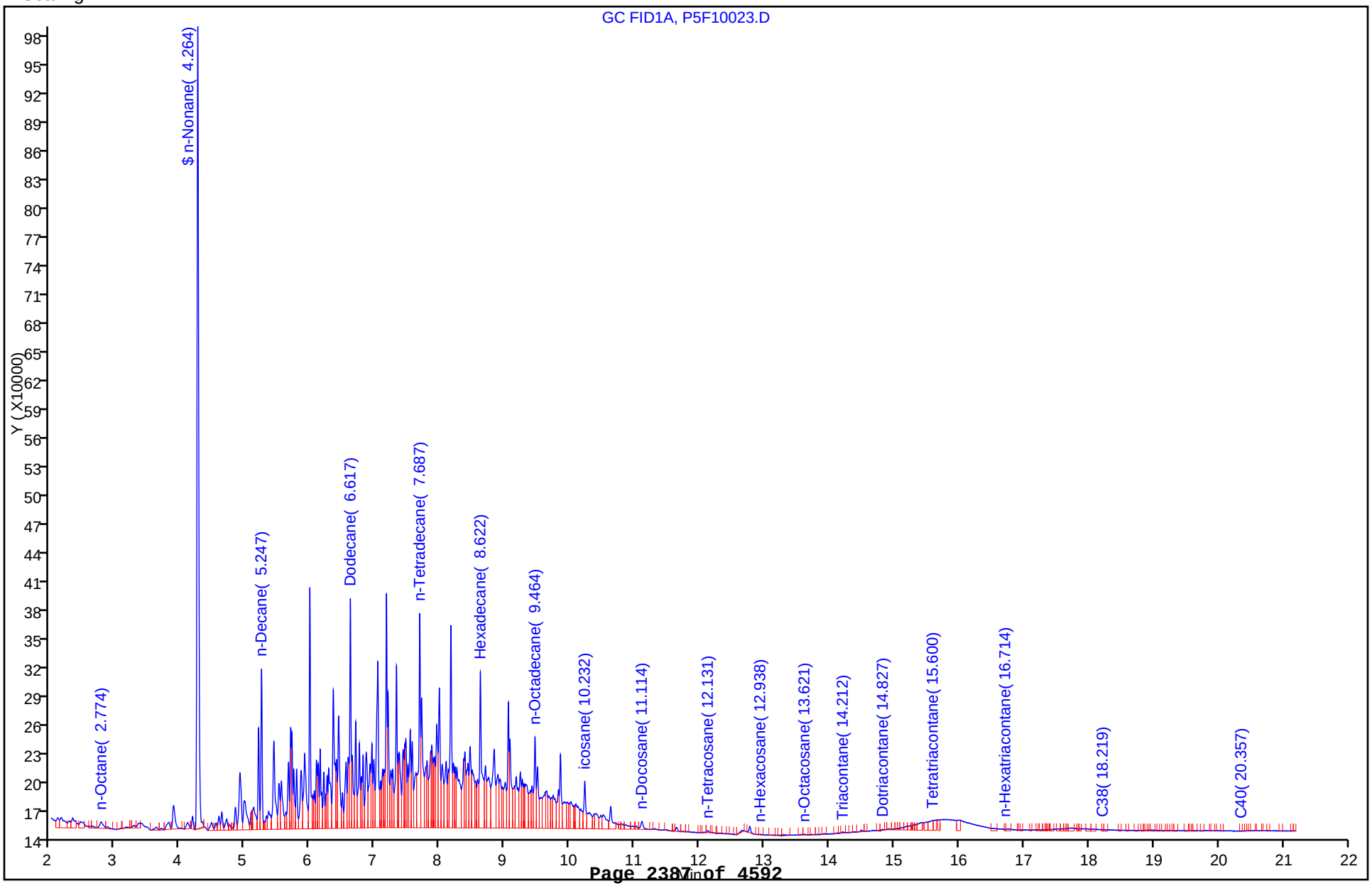
Report Date: 18-Dec-2012 09:46:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121217-15908.b\P5F10023.D

| | | | |
|---|---|---|---|
| Injection Date: | 17-Dec-2012 23:05:17 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 68949 | Lims Sample ID: | 23 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70006/5

Matrix: Solid | Lab File ID: P6F24005.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 15:15

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 56 | U | 100 | 56 | 56 |
| STL00272 | C20-C34 | 56 | U | 100 | 56 | 56 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 83 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24005.D
Lims ID: MRL Client ID:
Inject. Date: 24-Dec-2012 15:15:33 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016152-005
Misc. Info.:
Operator: 4275 Instrument ID: A2HP6F
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 70006 Lims Sample ID: 5
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m
Last Update: 26-Dec-2012 10:07:10 Calib Date: 11-Dec-2012 18:11:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 13.701 | -16.672 | | | | |
| A | 3 C10-C34 | | | | | |
| | 10.316 | 5.172 - 15.471 | | 25778701 | 147.8 | |
| A | 4 C32-C44 | | | | | |
| | 14.808 | -14.808 | | | | |
| A | 5 C12-C22 | | | | | |
| | 8.788 | 6.582 - 11.022 | | 10249633 | 58.8 | |
| A | 6 C22-C32 | | | | | |
| | 11.022 | -14.808 | | | | |
| | 7 n-Octane | | | | | |
| | 2.511 | 2.511 | 0.000 | 934 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.141 | 4.141 | 0.000 | 1151619 | 8.34 | |
| | 9 n-Decane | | | | | |
| | 5.172 | 5.172 | 0.000 | 92473 | 0 | |
| | 10 Dodecane | | | | | |
| | 6.582 | 6.582 | 0.000 | 46336 | 0 | |
| | 11 n-Tetradecane | | | | | |
| | 7.671 | 7.671 | 0.000 | 158853 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.686 | 5.172 - 10.246 | | 8891462 | 51.0 | |
| | 13 Hexadecane | | | | | |
| | 8.613 | 8.613 | 0.000 | 35781 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.410 | 5.139 - 13.701 | | 19063735 | 114.7 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.172 - 13.598 | | 18978928 | 108.8 | |
| 16 n-Octadecane | | | | | |
| 9.483 | 9.483 | 0.000 | 48827 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.172 - 14.808 | | 24789892 | 142.2 | |
| 18 icosane | | | | | |
| 10.246 | 10.246 | 0.000 | 468 | 0 | |
| 19 n-Docosane | | | | | 1 |
| 11.022 | | | | | |
| A 20 C12-C24 | | | | | |
| 9.309 | 6.582 - 12.063 | | 11796930 | 67.6 | |
| 21 n-Tetracosane | | | | | 1 |
| 12.063 | | | | | |
| A 22 C20-C34 | | | | | |
| 10.246 -15.471 | | | | | |
| 23 n-Hexacosane | | | | | 1 |
| 12.906 | | | | | |
| 24 n-Octacosane | | | | | 1 |
| 13.598 | | | | | |
| 25 Triacontane | | | | | 1 |
| 14.198 | | | | | |
| 26 Dotriacontane | | | | | |
| 14.808 | 14.808 | 0.000 | 412 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.471 | 15.471 | 0.000 | 1328 | 0 | |
| A 28 C24-C40 | | | | | |
| 12.063 -19.886 | | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| 16.460 | | | | | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.246 -16.460 | | 5369416 | 30.8 | |
| A 33 C24-C44 | | | | | |
| 12.063 -27.069 | | | | | |
| A 34 C10-C24 | | | | | |
| 8.609 | 5.172 - 12.063 | | 15489989 | 88.8 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

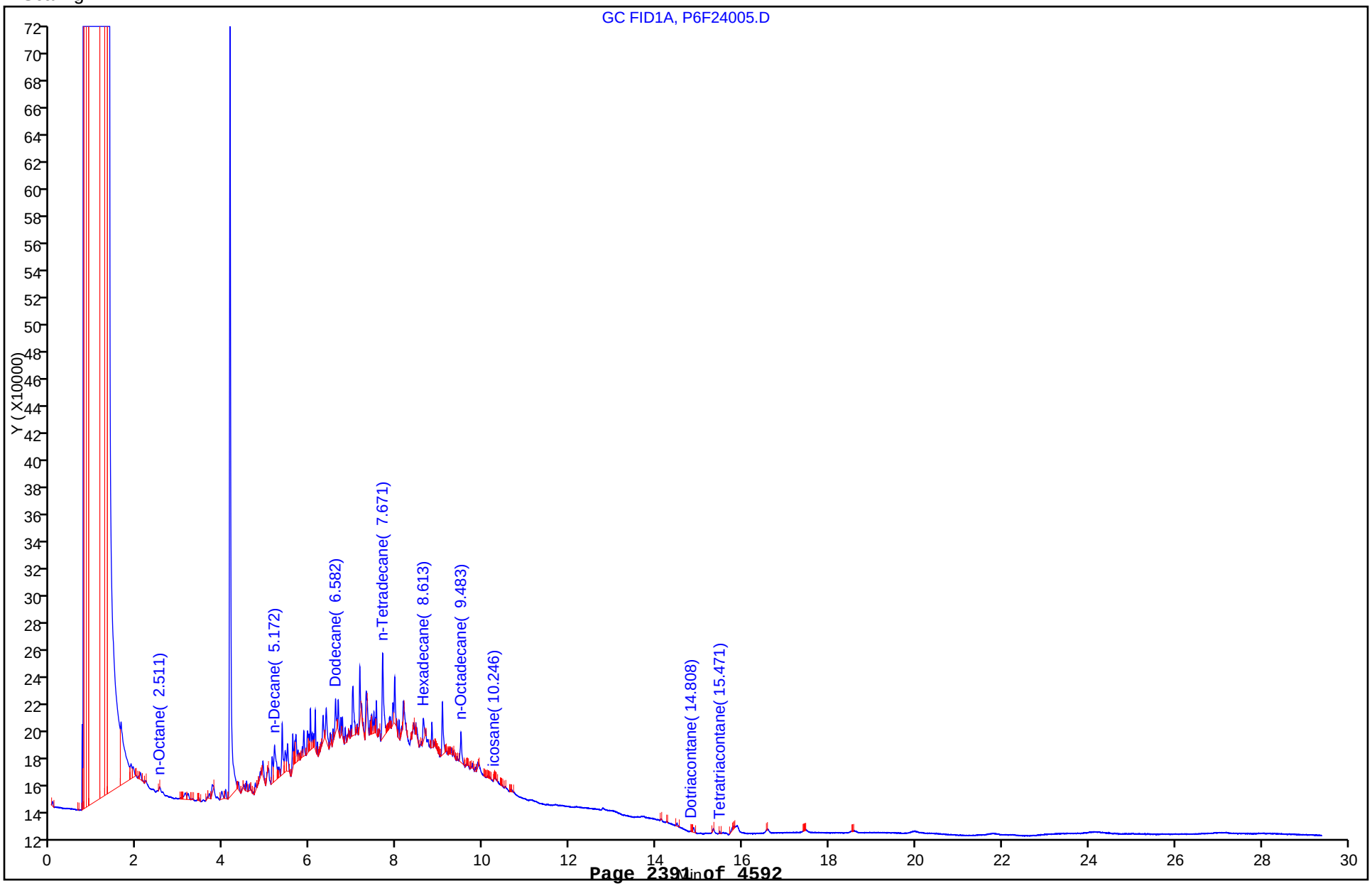
Report Date: 26-Dec-2012 10:07:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24005.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 15:15:33 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 5 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70006/29

Matrix: Solid | Lab File ID: P6F24029.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/25/2012 06:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 56 | U | 100 | 56 | 56 |
| STL00272 | C20-C34 | 56 | U | 100 | 56 | 56 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 88 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24029.D
Lims ID: MRL Client ID:
Inject. Date: 25-Dec-2012 06:47:55 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016152-029
Misc. Info.:
Operator: 4275 Instrument ID: A2HP6F
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 70006 Lims Sample ID: 29
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m
Last Update: 26-Dec-2012 09:44:51 Calib Date: 11-Dec-2012 18:11:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A 2 | C28-C36 | | | | | |
| | 13.701 | -16.672 | | | | |
| A 3 | C10-C34 | | | | | |
| | 10.316 | 5.154 - 15.478 | | 25431923 | 145.8 | |
| A 4 | C32-C44 | | | | | |
| | 14.764 | -14.769 | | | | |
| A 5 | C12-C22 | | | | | |
| | 8.788 | 6.554 - 11.022 | | 10356843 | 59.4 | |
| A 6 | C22-C32 | | | | | |
| | 11.022 | -14.764 | | | | |
| 7 | n-Octane | | | | | |
| | 2.508 | 2.507 | 0.001 | 1927 | 0 | |
| $ 8 | n-Nonane | | | | | |
| | 4.138 | 4.141 | -0.003 | 1210529 | 8.77 | |
| 9 | n-Decane | | | | | |
| | 5.168 | 5.154 | 0.014 | 52643 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.580 | 6.554 | 0.026 | 79905 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.666 | 7.643 | 0.023 | 159252 | 0 | |
| A 12 | C10-C20 | | | | | |
| | 7.679 | 5.154 - 10.218 | | 8443641 | 48.4 | |
| 13 | Hexadecane | | | | | |
| | 8.606 | 8.591 | 0.015 | 60183 | 0 | |
| A 14 | C10-C28 | | | | | |
| | 9.410 | 5.119 - 13.701 | | 19195580 | 115.5 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 19113633 | 109.6 | |
| 16 n-Octadecane | | | | | |
| 9.417 | 9.443 | -0.026 | 359 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 24674408 | 141.5 | |
| 18 icosane | | | | | |
| 10.244 | 10.218 | 0.026 | 7737 | 0 | |
| 19 n-Docosane | | | | | |
| 11.055 | 11.022 | 0.033 | 418 | 0 | |
| A 20 C12-C24 | | | | | |
| 9.309 | 6.554 - 12.063 | | 12026700 | 69.0 | |
| 21 n-Tetracosane | | | | | 1 |
| | 12.063 | | | | |
| A 22 C20-C34 | | | | | |
| | 10.218 -15.478 | | | | |
| 23 n-Hexacosane | | | | | 1 |
| | 12.906 | | | | |
| 24 n-Octacosane | | | | | |
| 13.630 | 13.598 | 0.032 | 438 | 0 | |
| 25 Triacontane | | | | | 1 |
| | 14.198 | | | | |
| 26 Dotriacontane | | | | | 1 |
| | 14.764 | | | | |
| 27 Tetratriacontane | | | | | 1 |
| | 15.478 | | | | |
| A 28 C24-C40 | | | | | |
| | 12.063 -19.886 | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| | 16.460 | | | | |
| 30 C38 | | | | | 1 |
| | 17.863 | | | | |
| 31 C40 | | | | | 1 |
| | 19.886 | | | | |
| A 32 C20-C36 | | | | | |
| | 10.218 -16.460 | | | | |
| A 33 C24-C44 | | | | | |
| | 12.063 -27.069 | | | | |
| A 34 C10-C24 | | | | | |
| 8.609 | 5.154 - 12.063 | | 15613893 | 89.5 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

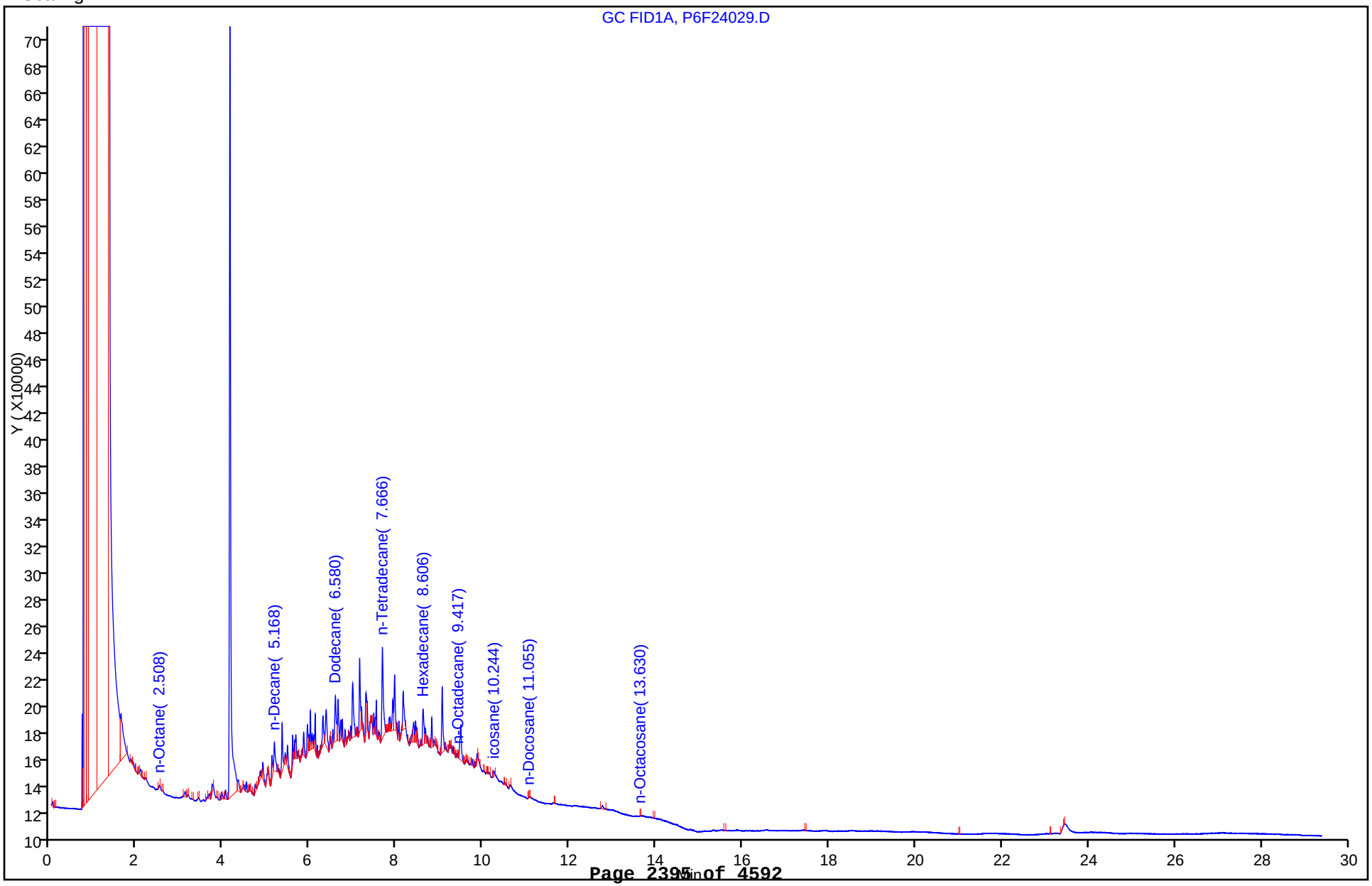
Report Date: 26-Dec-2012 09:44:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24029.D

| | | | |
|---|---|---|---|
| Injection Date: | 25-Dec-2012 06:47:55 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 29 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-70185/4

Matrix: Solid Lab File ID: P5F10004.D

Analysis Method: 8015B_DRO/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/27/2012 12:44

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 73.5 | J | 100 | 56 | 56 |
| STL00272 | C20-C34 | 56 | U | 100 | 56 | 56 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 77 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10004.D
Lims ID: MRL Client ID:
Inject. Date: 27-Dec-2012 12:44:13 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016193-004
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5F
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 70185 Lims Sample ID: 4
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m
Last Update: 28-Dec-2012 09:49:05 Calib Date: 24-Sep-2012 19:19:01
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 23.884 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 15.276 | 13.665 - | 16.887 | 2187053 | 0 | |
| A | 3 C10-C34 | | | | | |
| | 10.407 | 5.234 - | 15.580 | 20755839 | 112.7 | |
| A | 4 C32-C44 | | | | | 1 |
| | 0.0 - | | 0.100 | | | |
| A | 5 C12-C22 | | | | | |
| | 8.853 | 6.608 - | 11.099 | 12589141 | 68.4 | |
| A | 6 C22-C32 | | | | | |
| | 11.099 - | | 14.803 | | | |
| 7 | n-Octane | | | | | |
| | 2.743 | 2.738 | 0.005 | 20471 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.247 | 4.246 | 0.001 | 1501268 | 7.73 | |
| 9 | n-Decane | | | | | |
| | 5.235 | 5.234 | 0.001 | 186941 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.608 | 6.608 | 0.000 | 336761 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.678 | 7.678 | 0.000 | 304037 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.729 | 5.234 - | 10.223 | 13533365 | 73.5 | |
| 13 | Hexadecane | | | | | |
| | 8.613 | 8.613 | 0.000 | 299997 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.426 | 5.188 - | 13.665 | 19578962 | 0 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 19368918 | 105.2 | |
| 16 n-Octadecane | | | | | |
| 9.456 | 9.456 | 0.000 | 139845 | 0 | |
| A 17 C10-C32 | | | | | |
| 10.019 | 5.234 - 14.803 | | 19799854 | 107.5 | |
| 18 icosane | | | | | |
| 10.223 | 10.223 | 0.000 | 62368 | 0 | |
| 19 n-Docosane | | | | | |
| 11.101 | 11.099 | 0.002 | 16769 | 0 | |
| A 20 C12-C24 | | | | | |
| | 3.039 - 6.058 | | | | |
| 21 n-Tetracosane | | | | | |
| 12.118 | 12.113 | 0.005 | 5862 | 0 | |
| A 22 C20-C34 | | | | | |
| | 10.223 - 15.580 | | | | |
| 23 n-Hexacosane | | | | | |
| 12.930 | 12.928 | 0.002 | 2685 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.607 | 13.608 | -0.001 | 7400 | 0 | |
| 25 Triacontane | | | | | |
| 14.200 | 14.198 | 0.002 | 4790 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.798 | 14.803 | -0.005 | 20938 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.581 | 15.580 | 0.001 | 4808 | 0 | |
| A 28 C24-C40 | | | | | |
| | 12.113 - 20.374 | | | | |
| 29 n-Hexatriacontane | | | | | 1 |
| | 16.648 | | | | |
| 30 C38 | | | | | 1 |
| | 18.171 | | | | |
| 31 C40 | | | | | 1 |
| | 20.374 | | | | |
| A 32 C20-C36 | | | | | |
| | 10.223 - 16.648 | | | | |
| A 34 C24-C44 | | | | | |
| | 12.113 - 23.884 | | | | |
| A 35 C10-C24 | | | | | |
| | 3.117 - 4.463 | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

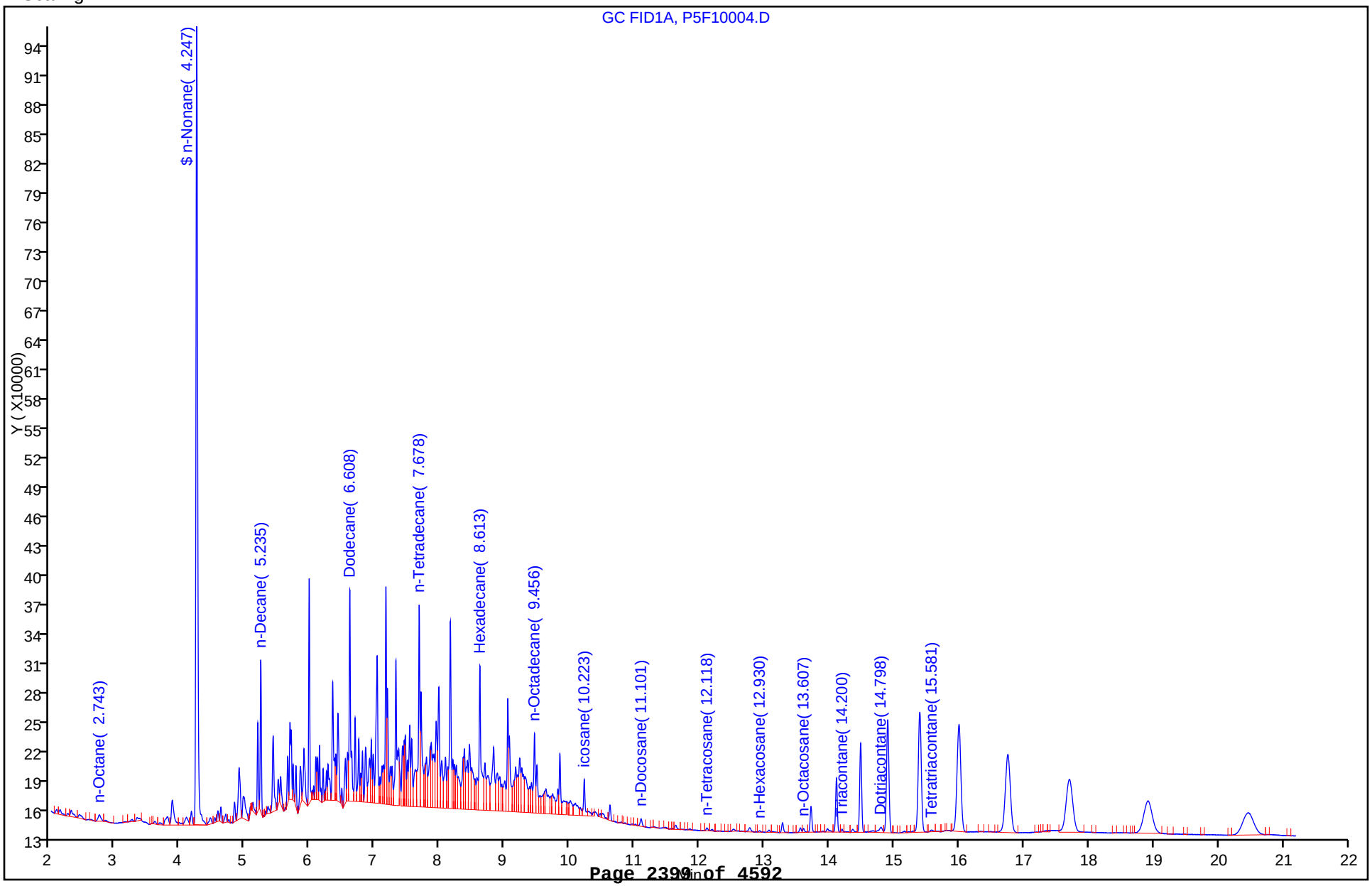
Report Date: 28-Dec-2012 09:49:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10004.D

| | | | |
|---|---|---|---|
| Injection Date: | 27-Dec-2012 12:44:13 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 4 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-70185/33

Matrix: Solid Lab File ID: P5F10033.D

Analysis Method: 8015B_DRO/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/28/2012 03:21

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70185 Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 66.1 | J | 100 | 56 | 56 |
| STL00272 | C20-C34 | 56 | U | 100 | 56 | 56 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 71 | | 70-130 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10033.D
Lims ID: MRL Client ID:
Inject. Date: 28-Dec-2012 03:21:37 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016193-033
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5F
Injection Vol: 1.0 ul ALS Bottle#: 33
Lims Batch ID: 70185 Lims Sample ID: 33
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\TPH5F.m
Last Update: 28-Dec-2012 09:49:26 Calib Date: 24-Sep-2012 19:19:01
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5F\20120924-13485.b\P5F92414.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| 1 | Tetratetracontane | | | | | 1 |
| | 23.884 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 15.276 | 13.665 | -16.887 | 495884 | 0 | |
| A | 3 C10-C34 | | | | | |
| | 10.407 | 5.234 | - 15.580 | 17532243 | 95.2 | |
| A | 4 C32-C44 | | | | | 1 |
| | 0.0 | - | 0.100 | | | |
| A | 5 C12-C22 | | | | | |
| | 8.853 | 6.608 | - 11.099 | 11002984 | 59.8 | |
| A | 6 C22-C32 | | | | | |
| | 11.099 | -14.803 | | | | |
| 7 | n-Octane | | | | | |
| | 2.735 | 2.738 | -0.003 | 18658 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.244 | 4.246 | -0.002 | 1378039 | 7.10 | |
| 9 | n-Decane | | | | | |
| | 5.233 | 5.234 | -0.001 | 181769 | 0 | |
| 10 | Dodecane | | | | | |
| | 6.605 | 6.608 | -0.003 | 300323 | 0 | |
| 11 | n-Tetradecane | | | | | |
| | 7.676 | 7.678 | -0.002 | 282335 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.729 | 5.234 | - 10.223 | 12173686 | 66.1 | |
| 13 | Hexadecane | | | | | |
| | 8.611 | 8.613 | -0.002 | 264252 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.426 | 5.188 | - 13.665 | 17146062 | 0 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.421 | 5.234 - 13.608 | | 16938476 | 92.0 | |
| 16 n-Octadecane | | | | | |
| 9.454 | 9.456 | -0.002 | 127466 | 0 | |
| A 17 C10-C32 | | | | | |
| 10.019 | 5.234 - 14.803 | | 17265231 | 93.8 | |
| 18 icosane | | | | | |
| 10.221 | 10.223 | -0.002 | 62788 | 0 | |
| 19 n-Docosane | | | | | |
| 11.096 | 11.099 | -0.003 | 17145 | 0 | |
| A 20 C12-C24 | | | | | |
| | 3.039 - 6.058 | | | | |
| 21 n-Tetracosane | | | | | |
| 12.109 | 12.113 | -0.004 | 8106 | 0 | |
| A 22 C20-C34 | | | | | |
| | 10.223 - 15.580 | | | | |
| 23 n-Hexacosane | | | | | |
| 12.926 | 12.928 | -0.002 | 1166 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.609 | 13.608 | 0.001 | 42614 | 0 | |
| 25 Triacontane | | | | | |
| 14.197 | 14.198 | -0.001 | 2888 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.799 | 14.803 | -0.004 | 3025 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.575 | 15.580 | -0.005 | 2100 | 0 | |
| A 28 C24-C40 | | | | | |
| | 12.113 - 20.374 | | | | |
| 29 n-Hexatriacontane | | | | | |
| 16.632 | 16.648 | -0.016 | 525 | 0 | |
| 30 C38 | | | | | 1 |
| | 18.171 | | | | |
| 31 C40 | | | | | |
| 20.362 | 20.374 | -0.012 | 2355 | 0 | |
| A 32 C20-C36 | | | | | |
| | 10.223 - 16.648 | | | | |
| A 34 C24-C44 | | | | | |
| | 12.113 - 23.884 | | | | |
| A 35 C10-C24 | | | | | |
| | 3.117 - 4.463 | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

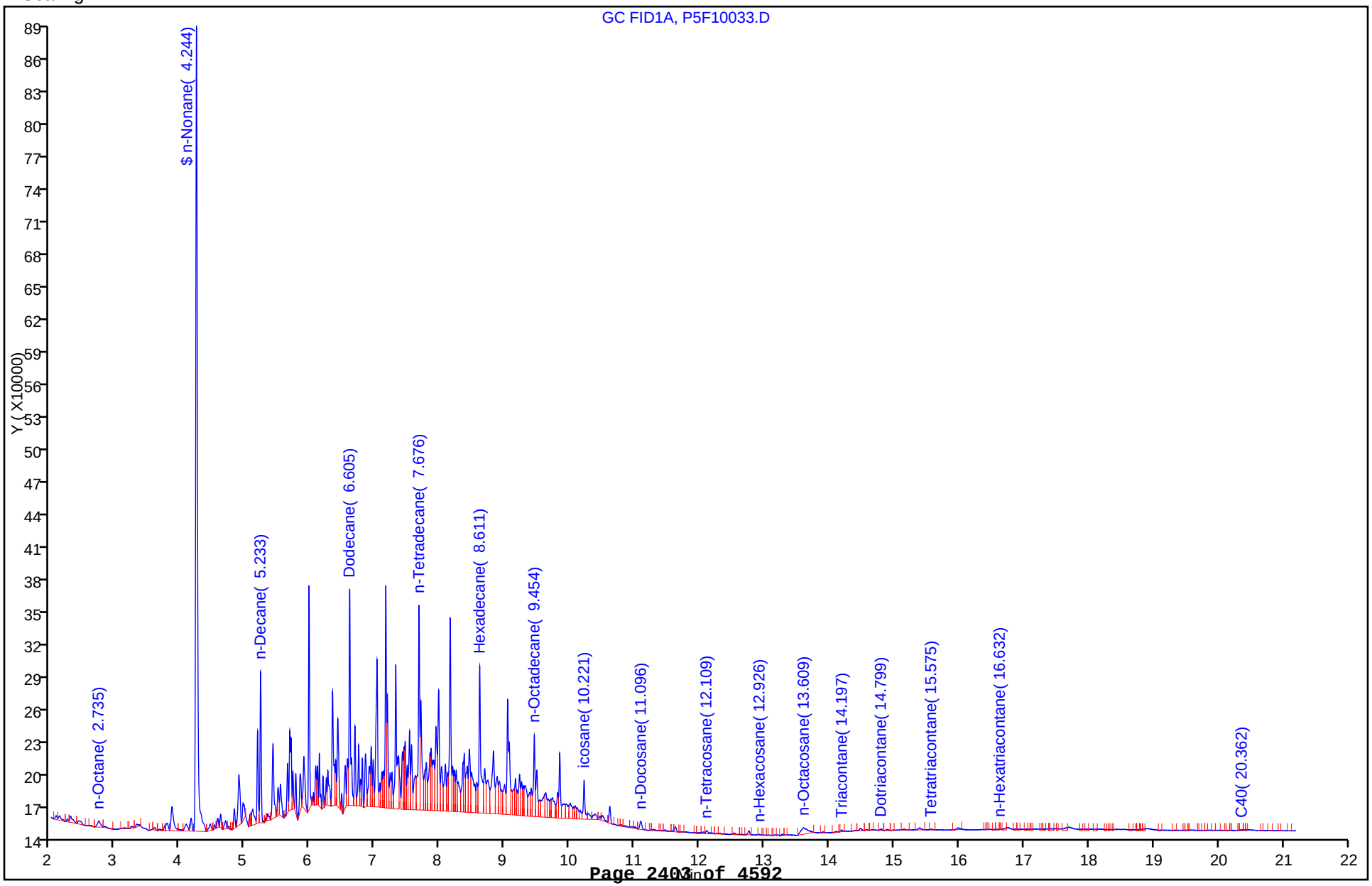
Report Date: 28-Dec-2012 09:49:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5F\20121226-16193.b\P5F10033.D

| | | | |
|---|---|---|---|
| Injection Date: | 28-Dec-2012 03:21:37 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP5F |
| Lims Batch ID: | 70185 | Lims Sample ID: | 33 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO MS | Lab Sample ID: 240-18703-8 MS

Matrix: Solid | Lab File ID: P6F24012.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 10:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.10(g) | Date Analyzed: 12/24/2012 19:47

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 293 | | 20 | 11 | 11 |
| STL00272 | C20-C34 | 34.3 | | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 59 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24012.D
Lims ID: 240-18703-H-8-B MS Client ID:
Inject. Date: 24-Dec-2012 19:47:55 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016152-012
Misc. Info.:
Operator: 4275 Instrument ID: A2HP6F
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 70006 Lims Sample ID: 12
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m
Last Update: 26-Dec-2012 09:44:29 Calib Date: 11-Dec-2012 18:11:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 13.701 | -16.672 | | | | |
| A | 3 C10-C34 | | | | | |
| | 10.316 | 5.154 - 15.478 | | 307911553 | 1765.7 | |
| A | 4 C32-C44 | | | | | |
| | 14.764 | -14.769 | | | | |
| A | 5 C12-C22 | | | | | |
| | 8.788 | 6.554 - 11.022 | | 261537016 | 1499.7 | |
| A | 6 C22-C32 | | | | | |
| | 12.893 | 11.022 -14.764 | | 11282024 | 64.7 | |
| | 7 n-Octane | | | | | |
| | 2.493 | 2.507 | -0.014 | 381082 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.129 | 4.141 | -0.012 | 8210851 | 59.5 | |
| | 9 n-Decane | | | | | |
| | 5.157 | 5.154 | 0.003 | 154411 | 0 | |
| | 10 Dodecane | | | | | |
| | 6.554 | 6.554 | 0.000 | 1468948 | 0 | |
| | 11 n-Tetradecane | | | | | |
| | 7.641 | 7.643 | -0.002 | 2385956 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.686 | 5.154 - 10.218 | | 259588648 | 1488.6 | |
| | 13 Hexadecane | | | | | |
| | 8.589 | 8.591 | -0.002 | 1782066 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.410 | 5.119 - 13.701 | | 294026450 | 1768.9 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 293798881 | 1684.7 | |
| 16 n-Octadecane | | | | | |
| 9.439 | 9.443 | -0.004 | 1304350 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 304273703 | 1744.8 | |
| 18 icosane | | | | | |
| 10.215 | 10.218 | -0.003 | 836212 | 0 | |
| 19 n-Docosane | | | | | |
| 11.019 | 11.022 | -0.003 | 323050 | 0 | |
| A 20 C12-C24 | | | | | |
| 9.309 | 6.554 - 12.063 | | 265244349 | 1521.0 | |
| 21 n-Tetracosane | | | | | |
| 12.064 | 12.063 | 0.001 | 111569 | 0 | |
| A 22 C20-C34 | | | | | |
| 12.868 | 10.218 - 15.478 | | 30444712 | 174.6 | |
| 23 n-Hexacosane | | | | | |
| 12.909 | 12.906 | 0.003 | 40674 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.606 | 13.598 | 0.008 | 96007 | 0 | |
| 25 Triacontane | | | | | |
| 14.199 | 14.198 | 0.001 | 21675 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.770 | 14.764 | 0.006 | 17366 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.511 | 15.478 | 0.033 | 32825 | 0 | |
| A 28 C24-C40 | | | | | |
| 15.975 | 12.063 - 19.886 | | 10911557 | 62.6 | |
| 29 n-Hexatriacontane | | | | | |
| 16.501 | 16.460 | 0.041 | 561 | 0 | |
| 30 C38 | | | | | |
| 17.869 | 17.863 | 0.006 | 614 | 0 | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 - 16.460 | | 36378936 | 208.6 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 - 27.069 | | 13298842 | 76.3 | |
| A 34 C10-C24 | | | | | |
| 8.609 | 5.154 - 12.063 | | 280123794 | 1606.3 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

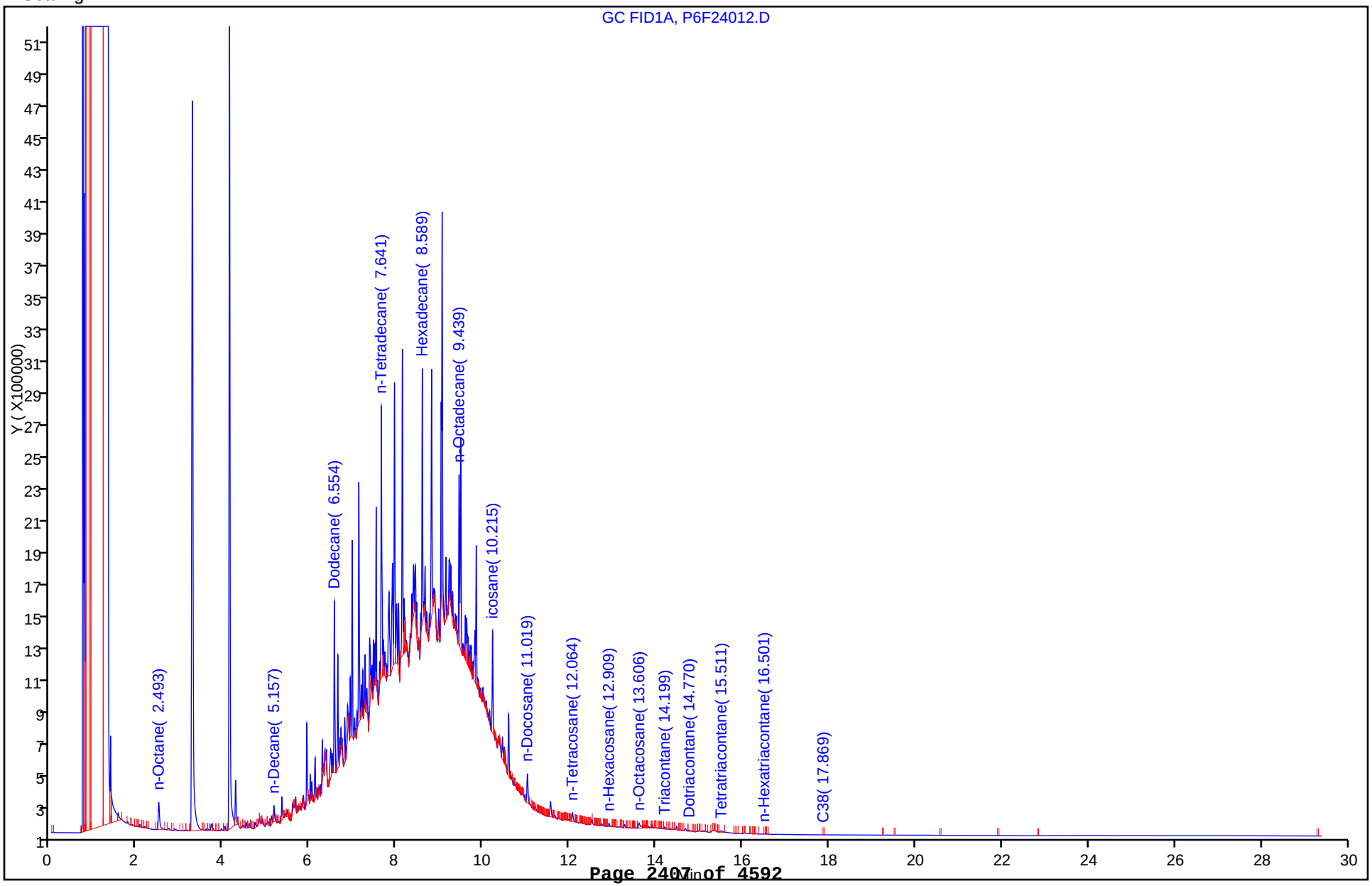
Report Date: 26-Dec-2012 09:44:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24012.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 19:47:55 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 12 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO MSD | Lab Sample ID: 240-18703-8 MSD

Matrix: Solid | Lab File ID: P6F24013.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/10/2012 10:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 09:27

Sample wt/vol: 30.06(g) | Date Analyzed: 12/24/2012 20:26

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70006 | Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| STL00115 | C10-C20 | 252 | | 20 | 11 | 11 |
| STL00272 | C20-C34 | 27.6 | | 20 | 11 | 11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 111-84-2 | n-Nonane | 60 | | 10-110 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24013.D
Lims ID: 240-18703-H-8-C MSD Client ID:
Inject. Date: 24-Dec-2012 20:26:48 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016152-013
Misc. Info.:
Operator: 4275 Instrument ID: A2HP6F
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 70006 Lims Sample ID: 13
Detector: GC FID1A

Method: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\TPH6F.m
Last Update: 26-Dec-2012 09:44:29 Calib Date: 11-Dec-2012 18:11:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP6F\20121211-15714.b\P6F11008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

| | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|---|
| | 1 Tetratetracontane | | | | | 1 |
| | 27.289 | | | | | |
| A | 2 C28-C36 | | | | | |
| | 13.701 | -16.672 | | | | |
| A | 3 C10-C34 | | | | | |
| | 10.316 | 5.154 - 15.478 | | 264397389 | 1516.1 | |
| A | 4 C32-C44 | | | | | |
| | 14.764 | -14.769 | | | | |
| A | 5 C12-C22 | | | | | |
| | 8.788 | 6.554 - 11.022 | | 222795153 | 1277.6 | |
| A | 6 C22-C32 | | | | | |
| | 12.893 | 11.022 -14.764 | | 9591720 | 55.0 | |
| | 7 n-Octane | | | | | |
| | 2.492 | 2.507 | -0.015 | 411467 | 0 | |
| $ | 8 n-Nonane | | | | | |
| | 4.129 | 4.141 | -0.012 | 8281885 | 60.0 | |
| | 9 n-Decane | | | | | |
| | 5.157 | 5.154 | 0.003 | 181732 | 0 | |
| | 10 Dodecane | | | | | |
| | 6.554 | 6.554 | 0.000 | 1273659 | 0 | |
| | 11 n-Tetradecane | | | | | |
| | 7.642 | 7.643 | -0.001 | 2028215 | 0 | |
| A | 12 C10-C20 | | | | | |
| | 7.686 | 5.154 - 10.218 | | 223020404 | 1278.9 | |
| | 13 Hexadecane | | | | | |
| | 8.589 | 8.591 | -0.002 | 1342831 | 0 | |
| A | 14 C10-C28 | | | | | |
| | 9.410 | 5.119 - 13.701 | | 250521527 | 1507.2 | |

| RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Flags |
|---|---|---|---|---|---|
| A 15 Diesel | | | | | |
| 9.376 | 5.154 - 13.598 | | 250369822 | 1435.7 | |
| 16 n-Octadecane | | | | | |
| 9.440 | 9.443 | -0.003 | 1362840 | 0 | |
| A 17 C10-C32 | | | | | |
| 9.959 | 5.154 - 14.764 | | 260680259 | 1494.8 | |
| 18 icosane | | | | | |
| 10.216 | 10.218 | -0.002 | 710275 | 0 | |
| 19 n-Docosane | | | | | |
| 11.020 | 11.022 | -0.002 | 291884 | 0 | |
| A 20 C12-C24 | | | | | |
| 9.309 | 6.554 - 12.063 | | 225485534 | 1293.0 | |
| 21 n-Tetracosane | | | | | |
| 12.067 | 12.063 | 0.004 | 106398 | 0 | |
| A 22 C20-C34 | | | | | |
| 12.877 | 10.218 - 15.478 | | 24444130 | 140.2 | |
| 23 n-Hexacosane | | | | | |
| 12.910 | 12.906 | 0.004 | 35937 | 0 | |
| 24 n-Octacosane | | | | | |
| 13.603 | 13.598 | 0.005 | 28379 | 0 | |
| 25 Triacontane | | | | | |
| 14.199 | 14.198 | 0.001 | 21746 | 0 | |
| 26 Dotriacontane | | | | | |
| 14.771 | 14.764 | 0.007 | 10154 | 0 | |
| 27 Tetratriacontane | | | | | |
| 15.492 | 15.478 | 0.014 | 4032 | 0 | |
| A 28 C24-C40 | | | | | |
| 15.975 | 12.063 - 19.886 | | 9864225 | 56.6 | |
| 29 n-Hexatriacontane | | | | | |
| 16.508 | 16.460 | 0.048 | 353 | 0 | |
| 30 C38 | | | | | 1 |
| 17.863 | | | | | |
| 31 C40 | | | | | 1 |
| 19.886 | | | | | |
| A 32 C20-C36 | | | | | |
| 13.339 | 10.218 - 16.460 | | 30224411 | 173.3 | |
| A 33 C24-C44 | | | | | |
| 19.566 | 12.063 - 27.069 | | 11671761 | 66.9 | |
| A 34 C10-C24 | | | | | |
| 8.609 | 5.154 - 12.063 | | 238534099 | 1367.8 | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

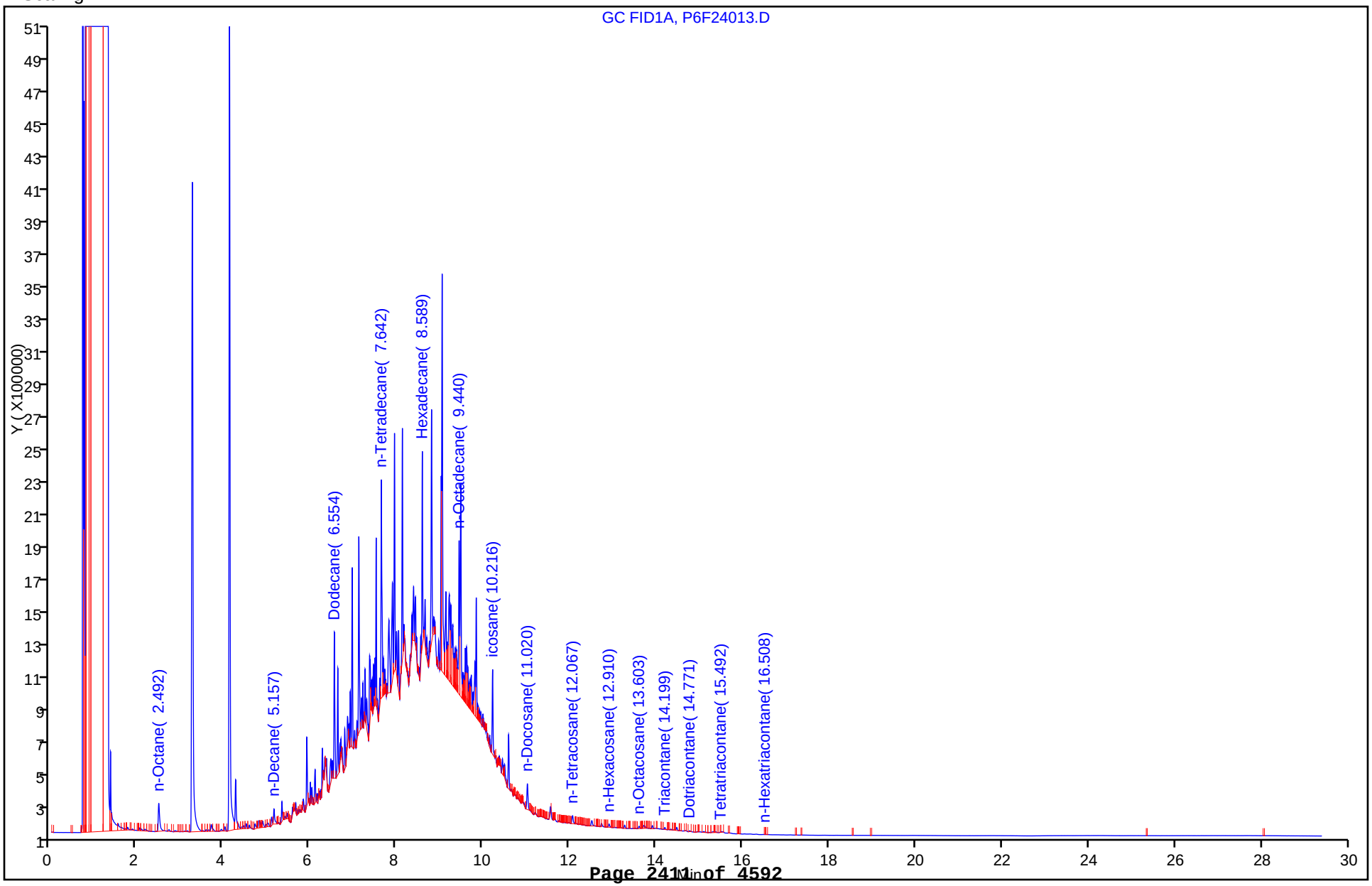
Report Date: 26-Dec-2012 09:44:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP6F\20121224-16152.b\P6F24013.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 20:26:48 | Limit Group: | GC 8015C TPH ICAL |
| Client ID: | | Instrument ID: | A2HP6F |
| Lims Batch ID: | 70006 | Lims Sample ID: | 13 |
| Operator ID: | 4275 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP5F Start Date: 09/24/2012 14:20

Analysis Batch Number: 58815 End Date: 09/25/2012 01:21

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| STD1 240-58815/4 IC | | 09/24/2012 14:20 | 1 | P5F92404.D | |
| STD2 240-58815/5 IC | | 09/24/2012 14:50 | 1 | P5F92405.D | |
| STD3 240-58815/6 ICRT | | 09/24/2012 15:19 | 1 | P5F92406.D | |
| STD4 240-58815/7 IC | | 09/24/2012 15:49 | 1 | P5F92407.D | |
| STD5 240-58815/8 IC | | 09/24/2012 16:19 | 1 | P5F92408.D | |
| ICV 240-58815/9 | | 09/24/2012 16:49 | 1 | P5F92409.D | |
| STD1 240-58815/10 IC | | 09/24/2012 17:19 | 1 | | |
| STD2 240-58815/11 IC | | 09/24/2012 17:49 | 1 | | |
| STD3 240-58815/12 ICRT | | 09/24/2012 18:19 | 1 | | |
| STD4 240-58815/13 IC | | 09/24/2012 18:48 | 1 | | |
| STD5 240-58815/14 IC | | 09/24/2012 19:19 | 1 | | |
| ICV 240-58815/15 | | 09/24/2012 19:49 | 1 | | |
| CCV 240-58815/16 | | 09/24/2012 20:19 | 1 | | |
| ZZZZZ | | 09/24/2012 20:49 | 1 | | |
| ZZZZZ | | 09/24/2012 21:20 | 1 | | |
| ZZZZZ | | 09/24/2012 21:50 | 1 | | |
| ZZZZZ | | 09/24/2012 22:20 | 1 | | |
| ZZZZZ | | 09/24/2012 22:50 | 1 | | |
| ZZZZZ | | 09/24/2012 23:20 | 1 | | |
| ZZZZZ | | 09/24/2012 23:51 | 1 | | |
| ZZZZZ | | 09/25/2012 00:21 | 1 | | |
| ZZZZZ | | 09/25/2012 00:51 | 1 | | |
| CCV 240-58815/26 | | 09/25/2012 01:21 | 1 | | |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP5F Start Date: 12/17/2012 13:32

Analysis Batch Number: 68949 End Date: 12/17/2012 23:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| MRL 240-68949/4 | | 12/17/2012 13:32 | 1 | P5F10004.D | |
| CCV 240-68949/5 CCVRT | | 12/17/2012 14:02 | 1 | P5F10005.D | |
| MB 240-68549/15-A | | 12/17/2012 14:33 | 1 | P5F10006.D | |
| LCS 240-68549/16-A | | 12/17/2012 15:03 | 1 | P5F10007.D | |
| 240-18703-24 | 076-0140-0001-ER | 12/17/2012 15:34 | 1 | P5F10008.D | |
| ZZZZZ | | 12/17/2012 16:04 | 1 | | |
| ZZZZZ | | 12/17/2012 16:35 | 1 | | |
| ZZZZZ | | 12/17/2012 17:05 | 1 | | |
| ZZZZZ | | 12/17/2012 17:35 | 1 | | |
| ZZZZZ | | 12/17/2012 18:05 | 1 | | |
| ZZZZZ | | 12/17/2012 18:35 | 1 | | |
| ZZZZZ | | 12/17/2012 19:05 | 1 | | |
| CCV 240-68949/16 | | 12/17/2012 19:35 | 1 | P5F10016.D | |
| ZZZZZ | | 12/17/2012 20:05 | 1 | | |
| ZZZZZ | | 12/17/2012 20:35 | 1 | | |
| ZZZZZ | | 12/17/2012 21:05 | 1 | | |
| ZZZZZ | | 12/17/2012 21:35 | 1 | | |
| ZZZZZ | | 12/17/2012 22:05 | 1 | | |
| CCV 240-68949/22 | | 12/17/2012 22:35 | 1 | | |
| MRL 240-68949/23 | | 12/17/2012 23:05 | 1 | P5F10023.D | |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP5F Start Date: 12/27/2012 12:44

Analysis Batch Number: 70185 End Date: 12/28/2012 03:21

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| MRL 240-70185/4 | | 12/27/2012 12:44 | 1 | P5F10004.D | |
| CCV 240-70185/5 CCVRT | | 12/27/2012 13:14 | 1 | P5F10005.D | |
| MB 240-69985/23-A | | 12/27/2012 13:44 | 1 | P5F10006.D | |
| LCS 240-69985/24-A | | 12/27/2012 14:14 | 1 | P5F10007.D | |
| 240-18703-16 | 072SB-0090-0001-SO | 12/27/2012 14:45 | 1 | P5F10008.D | |
| 240-18703-17 | 072SB-0091-0001-SO | 12/27/2012 15:15 | 1 | P5F10009.D | |
| 240-18703-18 | 072SB-0075-0001-SO | 12/27/2012 15:45 | 1 | P5F10010.D | |
| 240-18703-19 | 072SB-0076-0001-SO | 12/27/2012 16:15 | 1 | P5F10011.D | |
| 240-18703-20 | 072SB-0077-0001-SO | 12/27/2012 16:45 | 1 | P5F10012.D | |
| 240-18703-21 | 072SB-0079-0001-SO | 12/27/2012 17:16 | 1 | P5F10013.D | |
| 240-18703-22 | 072SB-0080-0001-SO | 12/27/2012 17:46 | 1 | P5F10014.D | |
| 240-18703-23 | 072SB-0081-0001-SO | 12/27/2012 18:17 | 1 | P5F10015.D | |
| CCV 240-70185/16 | | 12/27/2012 18:47 | 1 | P5F10016.D | |
| MRL 240-70185/33 | | 12/28/2012 03:21 | 1 | P5F10033.D | |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP6F Start Date: 12/11/2012 16:08

Analysis Batch Number: 68137 End Date: 12/12/2012 05:53

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| STD1 240-68137/4 IC | | 12/11/2012 16:08 | 1 | P6F11004.D | RTX-5 0.53(mm) |
| STD2 240-68137/5 IC | | 12/11/2012 16:39 | 1 | P6F11005.D | RTX-5 0.53(mm) |
| STD3 240-68137/6 ICRT | | 12/11/2012 17:09 | 1 | P6F11006.D | RTX-5 0.53(mm) |
| STD4 240-68137/7 IC | | 12/11/2012 17:40 | 1 | P6F11007.D | RTX-5 0.53(mm) |
| STD5 240-68137/8 IC | | 12/11/2012 18:11 | 1 | P6F11008.D | RTX-5 0.53(mm) |
| ICV 240-68137/9 | | 12/11/2012 18:42 | 1 | P6F11009.D | RTX-5 0.53(mm) |
| ZZZZZ | | 12/11/2012 19:12 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/11/2012 19:43 | 1 | | RTX-5 0.53(mm) |
| CCV 240-68137/20 | | 12/12/2012 00:18 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 01:19 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 01:49 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 02:19 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 02:50 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 03:20 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 03:51 | 1 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/12/2012 04:21 | 1 | | RTX-5 0.53(mm) |
| CCV 240-68137/31 | | 12/12/2012 05:53 | 1 | | RTX-5 0.53(mm) |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP6F Start Date: 12/24/2012 14:37

Analysis Batch Number: 70006 End Date: 12/25/2012 06:47

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 12/24/2012 14:37 | 1 | | RTX-5 0.53(mm) |
| MRL 240-70006/5 | | 12/24/2012 15:15 | 1 | P6F24005.D | RTX-5 0.53(mm) |
| CCV 240-70006/6 CCVRT | | 12/24/2012 15:54 | 1 | P6F24006.D | RTX-5 0.53(mm) |
| MB 240-69559/17-A | | 12/24/2012 16:32 | 1 | P6F24007.D | RTX-5 0.53(mm) |
| LCS 240-69559/18-A | | 12/24/2012 17:11 | 1 | P6F24008.D | RTX-5 0.53(mm) |
| ZZZZZ | | 12/24/2012 17:50 | 10 | | RTX-5 0.53(mm) |
| 240-18703-1 | 072SB-0092-0001-SO | 12/24/2012 18:29 | 1 | P6F24010.D | RTX-5 0.53(mm) |
| 240-18703-8 | 072SB-0082-0001-SO | 12/24/2012 19:08 | 1 | P6F24011.D | RTX-5 0.53(mm) |
| 240-18703-8 MS | 072SB-0082-0001-SO MS | 12/24/2012 19:47 | 1 | P6F24012.D | RTX-5 0.53(mm) |
| 240-18703-8 MSD | 072SB-0082-0001-SO MSD | 12/24/2012 20:26 | 1 | P6F24013.D | RTX-5 0.53(mm) |
| 240-18703-9 | 072SB-0083-0001-SO | 12/24/2012 21:05 | 1 | P6F24014.D | RTX-5 0.53(mm) |
| 240-18703-10 | 072SB-0084-0001-SO | 12/24/2012 21:44 | 1 | P6F24015.D | RTX-5 0.53(mm) |
| 240-18703-11 | 072SB-0085-0001-SO | 12/24/2012 22:23 | 1 | P6F24016.D | RTX-5 0.53(mm) |
| CCV 240-70006/17 | | 12/24/2012 23:02 | 1 | P6F24017.D | RTX-5 0.53(mm) |
| 240-18703-12 | 072SB-0086-0001-SO | 12/24/2012 23:41 | 1 | P6F24018.D | RTX-5 0.53(mm) |
| 240-18703-13 | 072SB-0087-0001-SO | 12/25/2012 00:20 | 1 | P6F24019.D | RTX-5 0.53(mm) |
| MB 240-69794/6-A | | 12/25/2012 01:37 | 1 | P6F24021.D | RTX-5 0.53(mm) |
| LCS 240-69794/7-A | | 12/25/2012 02:16 | 1 | P6F24022.D | RTX-5 0.53(mm) |
| ZZZZZ | | 12/25/2012 02:55 | 5 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/25/2012 03:34 | 5 | | RTX-5 0.53(mm) |
| ZZZZZ | | 12/25/2012 04:13 | 5 | | RTX-5 0.53(mm) |
| 240-18703-14 | 072SB-0088-0001-SO | 12/25/2012 04:51 | 1 | P6F24026.D | RTX-5 0.53(mm) |
| 240-18703-15 | 072SB-0089-0001-SO | 12/25/2012 05:30 | 1 | P6F24027.D | RTX-5 0.53(mm) |
| CCV 240-70006/28 | | 12/25/2012 06:09 | 1 | P6F24028.D | RTX-5 0.53(mm) |
| MRL 240-70006/29 | | 12/25/2012 06:47 | 1 | P6F24029.D | RTX-5 0.53(mm) |

# GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Batch Number: 68549  Batch Start Date: 12/13/12 12:45  Batch Analyst: Coast, Chris

Batch Method: 3520C  Batch End Date: 12/14/12 06:45

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | ReceivedpH | FirstAdjustpH | EXDIESELSPKW 00021 | EXTPHSURR 00016 |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-R-24 | 076-0140-0001-ER | 3520C, 8015B_DRO/DOD | T | 1050 mL | 5 mL | 7 | 2 | | 1 mL |
| MB 240-68549/15 | | 3520C, 8015B_DRO/DOD | | 1000 mL | 5 mL | 7 | 2 | | 1 mL |
| LCS 240-68549/16 | | 3520C, 8015B_DRO/DOD | | 1000 mL | 5 mL | 7 | 2 | 1 mL | 1 mL |

| Batch Notes | |
|---|---|
| Acid used for pH adjust Lot # | 711898 |
| Person's name who did the concentration | ac/bm |
| Na2SO4 Lot Number | 677245 |
| Prep Solvent Lot # | 781166 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Batch Number: 69559 Batch Start Date: 12/20/12 15:10 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/21/12 07:10

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | EXDIESELSPKW 00022 | EXTPHSURR 00016 | | |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-H-1 | 072SB-0092-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.28 g | 5 mL | | 1 mL | | |
| 240-18703-H-8 | 072SB-0082-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.41 g | 5 mL | | 1 mL | | |
| 240-18703-H-8 MS | 072SB-0082-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.10 g | 5 mL | 1 mL | 1 mL | | |
| 240-18703-H-8 MSD | 072SB-0082-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.06 g | 5 mL | 1 mL | 1 mL | | |
| 240-18703-H-9 | 072SB-0083-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.37 g | 5 mL | | 1 mL | | |
| 240-18703-H-10 | 072SB-0084-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.02 g | 5 mL | | 1 mL | | |
| 240-18703-H-11 | 072SB-0085-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.05 g | 5 mL | | 1 mL | | |
| 240-18703-H-12 | 072SB-0086-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.10 g | 5 mL | | 1 mL | | |
| 240-18703-H-13 | 072SB-0087-0001-SO | 3540C, 8015B_DRO/DOD | T | 29.67 g | 5 mL | | 1 mL | | |
| MB 240-69559/17 | | 3540C, 8015B_DRO/DOD | | 30.00 g | 5 mL | | 1 mL | | |
| LCS 240-69559/18 | | 3540C, 8015B_DRO/DOD | | 30.00 g | 5 mL | 1 mL | 1 mL | | |

| Batch Notes | |
|---|---|
| Balance ID | b036 |
| Na2SO4 Lot Number | 677232 |
| Prep Solvent Lot # | 785981 |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Batch Number: 69559 Batch Start Date: 12/20/12 15:10 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/21/12 07:10

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Batch Number: 69794  Batch Start Date: 12/21/12 13:35  Batch Analyst: Cerne, Amanda

Batch Method: 3540C  Batch End Date: 12/22/12 07:35

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | EXDIESELSPKW 00022 | EXTPHSURR 00016 | | |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-H-14 | 072SB-0088-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.31 g | 5 mL | | 1 mL | | |
| 240-18703-H-15 | 072SB-0089-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.39 g | 5 mL | | 1 mL | | |
| MB 240-69794/6 | | 3540C, 8015B_DRO/DOD | | 30.00 g | 5 mL | | 1 mL | | |
| LCS 240-69794/7 | | 3540C, 8015B_DRO/DOD | | 30.00 g | 5 mL | 1 mL | 1 mL | | |

| Batch Notes | |
|---|---|
| Balance ID | b036 |
| Person's name who did the concentration | se/lh/bm |
| Na2SO4 Lot Number | 677232 |
| Prep Solvent Lot # | 785981 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Batch Number: 69985 Batch Start Date: 12/24/12 09:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 12/25/12 06:00

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | EXDIESELSPKW 00022 | EXTPHSURR 00016 | | |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-H-16 | 072SB-0090-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.36 g | 5 mL | | 1 mL | | |
| 240-18703-H-17 | 072SB-0091-0001-SO | 3540C, 8015B_DRO/DOD | T | 29.59 g | 5 mL | | 1 mL | | |
| 240-18703-K-18 | 072SB-0075-0001-SO | 3540C, 8015B_DRO/DOD | T | 29.55 g | 5 mL | | 1 mL | | |
| 240-18703-I-19 | 072SB-0076-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.35 g | 5 mL | | 1 mL | | |
| 240-18703-I-20 | 072SB-0077-0001-SO | 3540C, 8015B_DRO/DOD | T | 29.82 g | 5 mL | | 1 mL | | |
| 240-18703-H-21 | 072SB-0079-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.20 g | 5 mL | | 1 mL | | |
| 240-18703-H-22 | 072SB-0080-0001-SO | 3540C, 8015B_DRO/DOD | T | 29.75 g | 5 mL | | 1 mL | | |
| 240-18703-H-23 | 072SB-0081-0001-SO | 3540C, 8015B_DRO/DOD | T | 30.49 g | 5 mL | | 1 mL | | |
| MB 240-69985/23 | | 3540C, 8015B_DRO/DOD | | 30.00 g | 5 mL | | 1 mL | | |
| LCS 240-69985/24 | | 3540C, 8015B_DRO/DOD | | 30.00 g | 5 mL | 1 mL | 1 mL | | |

| Batch Notes | |
|---|---|
| Balance ID | b036 |
| Person's name who did the concentration | lah/lm |
| Na2SO4 Lot Number | 677232 |
| Prep Solvent Lot # | 785981 |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Batch Number: 69985 Batch Start Date: 12/24/12 09:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 12/25/12 06:00

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Method 8081 DOD

## Organochlorine Pesticides (GC) by Method 8081A/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| 072SB-0082-0001-SO | 240-18703-8 | 74 | 72 | 88 | 81 |
| 072SB-0075-0001-SO | 240-18703-18 | 81 | 82 | 83 | 80 |
| | MB 240-69596/9-A | 94 | 88 | 92 | 88 |
| | LCS 240-69596/10-A | 109 | 107 | 89 | 86 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 70-125 |
| DCB = DCB Decachlorobiphenyl | 55-130 |

# Column to be used to flag recovery values

FORM II 8081/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| 076-0140-0001-ER | 240-18703-24 | 85 | 88 | 58 | 58 |
| | MB 240-68554/4-A | 82 | 77 | 77 | 75 M |
| | LCS 240-68554/5-A | 76 | 79 | 39 | 41 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 25-140 |
| DCB = DCB Decachlorobiphenyl | 30-135 |

# Column to be used to flag recovery values

FORM II 8081/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9121809.D

Lab ID: LCS 240-68554/5-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.500 | 0.409 | 82 | 25-150 | |
| 4,4'-DDE | 0.500 | 0.378 | 76 | 35-140 | |
| 4,4'-DDT | 0.500 | 0.391 | 78 | 45-140 | |
| Aldrin | 0.500 | 0.362 | 72 | 25-140 | |
| alpha-BHC | 0.500 | 0.373 | 75 | 60-130 | |
| alpha-Chlordane | 0.500 | 0.363 | 73 | 65-125 | |
| beta-BHC | 0.500 | 0.369 | 74 | 65-125 | |
| delta-BHC | 0.500 | 0.382 | 76 | 45-135 | |
| Dieldrin | 0.500 | 0.388 | 78 | 60-130 | |
| Endosulfan I | 0.500 | 0.330 | 66 | 50-110 | |
| Endosulfan II | 0.500 | 0.347 | 69 | 30-130 | |
| Endosulfan sulfate | 0.500 | 0.378 | 76 | 55-135 | |
| Endrin | 0.500 | 0.389 | 78 | 55-135 | |
| Endrin aldehyde | 0.500 | 0.380 | 76 | 55-135 | |
| Endrin ketone | 0.500 | 0.391 | 78 | 75-125 | |
| gamma-BHC (Lindane) | 0.500 | 0.378 | 76 | 25-135 | |
| gamma-Chlordane | 0.500 | 0.380 | 76 | 60-125 | |
| Heptachlor | 0.500 | 0.381 | 76 | 40-130 | |
| Heptachlor epoxide | 0.500 | 0.384 | 77 | 60-130 | |
| Methoxychlor | 0.500 | 0.377 | 75 | 55-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9122235.D

Lab ID: LCS 240-69596/10-A Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 33.3 | 36.4 | 109 | 30-135 | |
| 4,4'-DDE | 33.3 | 30.9 | 93 | 70-125 | |
| 4,4'-DDT | 33.3 | 32.6 | 98 | 45-140 | |
| Aldrin | 33.3 | 29.8 | 90 | 45-140 | |
| alpha-BHC | 33.3 | 32.7 | 98 | 60-125 | |
| alpha-Chlordane | 33.3 | 31.6 | 95 | 65-120 | |
| beta-BHC | 33.3 | 31.7 | 95 | 60-125 | |
| delta-BHC | 33.3 | 34.4 | 103 | 55-130 | |
| Dieldrin | 33.3 | 35.4 | 106 | 65-125 | |
| Endosulfan I | 33.3 | 30.1 | 90 | 15-135 | |
| Endosulfan II | 33.3 | 30.1 | 90 | 35-140 | |
| Endosulfan sulfate | 33.3 | 34.7 | 104 | 60-135 | |
| Endrin | 33.3 | 32.5 | 97 | 60-135 | |
| Endrin aldehyde | 33.3 | 33.8 | 101 | 35-145 | |
| Endrin ketone | 33.3 | 31.3 | 94 | 65-135 | |
| gamma-BHC (Lindane) | 33.3 | 34.8 | 104 | 60-125 | |
| gamma-Chlordane | 33.3 | 33.7 | 101 | 65-125 | |
| Heptachlor | 33.3 | 28.9 | 87 | 50-140 | |
| Heptachlor epoxide | 33.3 | 35.7 | 107 | 65-130 | |
| Methoxychlor | 33.3 | 32.7 | 98 | 55-145 | |

# Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9121808.D

Lab ID: MRL 240-69152/8 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.00500 | 0.00581 | 116 | 70-130 | |
| 4,4'-DDD | 0.00500 | 0.00634 | 127 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00545 | 109 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00597 | 119 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00506 | 101 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00505 | 101 | 70-130 | |
| Aldrin | 0.00500 | 0.00539 | 108 | 70-130 | |
| Aldrin | 0.00500 | 0.00579 | 116 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00519 | 104 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00531 | 106 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00565 | 113 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00641 | 128 | 70-130 | |
| beta-BHC | 0.00500 | 0.00589 | 118 | 70-130 | |
| beta-BHC | 0.00500 | 0.00677 | 135 | 70-130 | ^ |
| delta-BHC | 0.00500 | 0.00528 | 106 | 70-130 | |
| delta-BHC | 0.00500 | 0.00568 | 114 | 70-130 | |
| Dieldrin | 0.00500 | 0.00577 | 115 | 70-130 | |
| Dieldrin | 0.00500 | 0.00638 | 128 | 70-130 | |
| Endosulfan I | 0.00500 | 0.00609 | 122 | 70-130 | |
| Endosulfan I | 0.00500 | 0.00685 | 137 | 70-130 | ^ |
| Endosulfan II | 0.00500 | 0.00597 | 119 | 70-130 | |
| Endosulfan II | 0.00500 | 0.00625 | 125 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00585 | 117 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00611 | 122 | 70-130 | |
| Endrin | 0.00500 | 0.00614 | 123 | 70-130 | |
| Endrin | 0.00500 | 0.00648 | 130 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00595 | 119 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00646 | 129 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00593 | 119 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00589 | 118 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00546 | 109 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00591 | 118 | 70-130 | |
| gamma-Chlordane | 0.00500 | 0.00566 | 113 | 70-130 | |
| gamma-Chlordane | 0.00500 | 0.00637 | 127 | 70-130 | |
| Heptachlor | 0.00500 | 0.00599 | 120 | 70-130 | |
| Heptachlor | 0.00500 | 0.00669 | 134 | 70-130 | ^ |
| Heptachlor epoxide | 0.00500 | 0.00592 | 118 | 70-130 | |
| Heptachlor epoxide | 0.00500 | 0.00655 | 131 | 70-130 | ^ |
| Methoxychlor | 0.00500 | 0.00558 J | 112 | 70-130 | |
| Methoxychlor | 0.00500 | 0.00529 J | 106 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9121822.D

Lab ID: MRL 240-69152/22 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.00500 | 0.00506 | 101 | 70-130 | |
| 4,4'-DDD | 0.00500 | 0.00530 | 106 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00492 J | 98 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00520 | 104 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00437 J | 87 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00420 J | 84 | 70-130 | |
| Aldrin | 0.00500 | 0.00481 J | 96 | 70-130 | |
| Aldrin | 0.00500 | 0.00496 J | 99 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00463 J | 93 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00457 J | 91 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00491 J | 98 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00540 | 108 | 70-130 | |
| beta-BHC | 0.00500 | 0.00513 | 103 | 70-130 | |
| beta-BHC | 0.00500 | 0.00564 | 113 | 70-130 | |
| delta-BHC | 0.00500 | 0.00465 J | 93 | 70-130 | |
| delta-BHC | 0.00500 | 0.00484 J | 97 | 70-130 | |
| Dieldrin | 0.00500 | 0.00499 J | 100 | 70-130 | |
| Dieldrin | 0.00500 | 0.00537 | 107 | 70-130 | |
| Endosulfan I | 0.00500 | 0.00533 | 107 | 70-130 | |
| Endosulfan I | 0.00500 | 0.00582 | 116 | 70-130 | |
| Endosulfan II | 0.00500 | 0.00514 | 103 | 70-130 | |
| Endosulfan II | 0.00500 | 0.00522 | 104 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00503 | 101 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00505 | 101 | 70-130 | |
| Endrin | 0.00500 | 0.00530 | 106 | 70-130 | |
| Endrin | 0.00500 | 0.00543 | 109 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00519 | 104 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00541 | 108 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00512 | 102 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00477 J | 95 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00480 J | 96 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00499 J | 100 | 70-130 | |
| gamma-Chlordane | 0.00500 | 0.00492 J | 98 | 70-130 | |
| gamma-Chlordane | 0.00500 | 0.00534 | 107 | 70-130 | |
| Heptachlor | 0.00500 | 0.00526 | 105 | 70-130 | |
| Heptachlor | 0.00500 | 0.00566 | 113 | 70-130 | |
| Heptachlor epoxide | 0.00500 | 0.00510 | 102 | 70-130 | |
| Heptachlor epoxide | 0.00500 | 0.00550 | 110 | 70-130 | |
| Methoxychlor | 0.00500 | 0.00467 J | 93 | 70-130 | |
| Methoxychlor | 0.00500 | 0.00438 J | 88 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9122219.D

Lab ID: MRL 240-69893/19 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.00500 | 0.00509 | 102 | 70-130 | M |
| 4,4'-DDD | 0.00500 | 0.00529 | 106 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00499 J | 100 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00508 | 102 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00491 J | 98 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00493 J | 99 | 70-130 | |
| Aldrin | 0.00500 | 0.00510 | 102 | 70-130 | |
| Aldrin | 0.00500 | 0.00498 J | 100 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00481 J | 96 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00456 J | 91 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00516 | 103 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00533 | 107 | 70-130 | |
| beta-BHC | 0.00500 | 0.00527 | 105 | 70-130 | |
| beta-BHC | 0.00500 | 0.00553 | 111 | 70-130 | |
| delta-BHC | 0.00500 | 0.00464 J | 93 | 70-130 | |
| delta-BHC | 0.00500 | 0.00473 J | 95 | 70-130 | |
| Dieldrin | 0.00500 | 0.00522 | 104 | 70-130 | |
| Dieldrin | 0.00500 | 0.00545 | 109 | 70-130 | |
| Endosulfan I | 0.00500 | 0.00554 | 111 | 70-130 | |
| Endosulfan I | 0.00500 | 0.00581 | 116 | 70-130 | |
| Endosulfan II | 0.00500 | 0.00550 | 110 | 70-130 | M |
| Endosulfan II | 0.00500 | 0.00529 | 106 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00532 | 106 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00534 | 107 | 70-130 | |
| Endrin | 0.00500 | 0.00548 | 110 | 70-130 | |
| Endrin | 0.00500 | 0.00556 | 111 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00555 | 111 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00580 | 116 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00548 | 110 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00556 | 111 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00505 | 101 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00498 J | 100 | 70-130 | |
| gamma-Chlordane | 0.00500 | 0.00514 | 103 | 70-130 | |
| gamma-Chlordane | 0.00500 | 0.00528 | 106 | 70-130 | |
| Heptachlor | 0.00500 | 0.00561 | 112 | 70-130 | |
| Heptachlor | 0.00500 | 0.00597 | 119 | 70-130 | |
| Heptachlor epoxide | 0.00500 | 0.00544 | 109 | 70-130 | |
| Heptachlor epoxide | 0.00500 | 0.00557 | 111 | 70-130 | |
| Methoxychlor | 0.00500 | 0.00507 J | 101 | 70-130 | |
| Methoxychlor | 0.00500 | 0.00559 J | 112 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9122243.D

Lab ID: MRL 240-69893/43 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.00500 | 0.00638 | 128 | 70-130 | M |
| 4,4'-DDD | 0.00500 | 0.00632 | 126 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00624 | 125 | 70-130 | |
| 4,4'-DDE | 0.00500 | 0.00634 | 127 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00586 | 117 | 70-130 | |
| 4,4'-DDT | 0.00500 | 0.00624 | 125 | 70-130 | |
| Aldrin | 0.00500 | 0.00651 | 130 | 70-130 | |
| Aldrin | 0.00500 | 0.00661 | 132 | 70-130 | ^ |
| alpha-BHC | 0.00500 | 0.00636 | 127 | 70-130 | |
| alpha-BHC | 0.00500 | 0.00600 | 120 | 70-130 | |
| alpha-Chlordane | 0.00500 | 0.00672 | 134 | 70-130 | ^ |
| alpha-Chlordane | 0.00500 | 0.00687 | 137 | 70-130 | ^ |
| beta-BHC | 0.00500 | 0.00711 | 142 | 70-130 | ^ |
| beta-BHC | 0.00500 | 0.00724 | 145 | 70-130 | ^ |
| delta-BHC | 0.00500 | 0.00641 | 128 | 70-130 | |
| delta-BHC | 0.00500 | 0.00642 | 128 | 70-130 | |
| Dieldrin | 0.00500 | 0.00635 | 127 | 70-130 | |
| Dieldrin | 0.00500 | 0.00657 | 131 | 70-130 | ^ |
| Endosulfan I | 0.00500 | 0.00665 | 133 | 70-130 | ^ |
| Endosulfan I | 0.00500 | 0.00690 | 138 | 70-130 | ^ |
| Endosulfan II | 0.00500 | 0.00643 | 129 | 70-130 | M |
| Endosulfan II | 0.00500 | 0.00632 | 126 | 70-130 | |
| Endosulfan sulfate | 0.00500 | 0.00662 | 132 | 70-130 | ^ |
| Endosulfan sulfate | 0.00500 | 0.00658 | 132 | 70-130 | ^ |
| Endrin | 0.00500 | 0.00625 | 125 | 70-130 | |
| Endrin | 0.00500 | 0.00630 | 126 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00619 | 124 | 70-130 | |
| Endrin aldehyde | 0.00500 | 0.00634 | 127 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00632 | 126 | 70-130 | |
| Endrin ketone | 0.00500 | 0.00631 | 126 | 70-130 | |
| gamma-BHC (Lindane) | 0.00500 | 0.00668 | 134 | 70-130 | ^ |
| gamma-BHC (Lindane) | 0.00500 | 0.00657 | 131 | 70-130 | ^ |
| gamma-Chlordane | 0.00500 | 0.00671 | 134 | 70-130 | ^ |
| gamma-Chlordane | 0.00500 | 0.00674 | 135 | 70-130 | ^ |
| Heptachlor | 0.00500 | 0.00611 | 122 | 70-130 | |
| Heptachlor | 0.00500 | 0.00654 | 131 | 70-130 | ^ |
| Heptachlor epoxide | 0.00500 | 0.00683 | 137 | 70-130 | ^ |
| Heptachlor epoxide | 0.00500 | 0.00695 | 139 | 70-130 | ^ |
| Methoxychlor | 0.00500 | 0.00639 J | 128 | 70-130 | |
| Methoxychlor | 0.00500 | 0.00669 J | 134 | 70-130 | ^ |

# Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-68554/4-A

Matrix: Water Date Extracted: 12/13/2012 11:40

Lab File ID:(1) P9121813.D Lab File ID:(2) P9121813.D

Date Analyzed:(1) 12/18/2012 14:09 Date Analyzed:(2) 12/18/2012 14:09

Instrument ID:(1) A2HP9 Instrument ID:(2) A2HP9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| | LCS 240-68554/5-A | 12/18/2012 12:18 | 12/18/2012 12:18 |
| 076-0140-0001-ER | 240-18703-24 | 12/18/2012 12:46 | 12/18/2012 12:46 |

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-69596/9-A

Matrix: Solid Date Extracted: 12/20/2012 11:14

Lab File ID:(1) P9122234.D Lab File ID:(2) P9122234.D

Date Analyzed:(1) 12/23/2012 00:59 Date Analyzed:(2) 12/23/2012 00:59

Instrument ID:(1) A2HP9 Instrument ID:(2) A2HP9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| 072SB-0082-0001-SO | 240-18703-8 | 12/22/2012 22:07 | 12/22/2012 22:07 |
| 072SB-0075-0001-SO | 240-18703-18 | 12/22/2012 22:31 | 12/22/2012 22:31 |
| | LCS 240-69596/10-A | 12/23/2012 01:23 | 12/23/2012 01:23 |

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69152/7  Date Analyzed: 12/18/2012 11:23

Instrument ID: A2HP9  GC Column: CLP-1  ID: 0.53(mm)

Lab File ID (Standard): P9121807.D  Heated Purge: (Y/N) N

Calibration ID: 12706

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 3.50 | 12.80 | |
| UPPER LIMIT | | | | 3.53 | 12.83 | |
| LOWER LIMIT | | | | 3.47 | 12.77 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69152/7 CCVRT | | 12/18/2012 11:23 | P9121807.D | 3.50 | 12.80 | |
| LCS 240-68554/5-A | | 12/18/2012 12:18 | P9121809.D | 3.50 | 12.80 | |
| 240-18703-24 | 076-0140-0001-ER | 12/18/2012 12:46 | P9121810.D | 3.50 | 12.80 | |
| MB 240-68554/4-A | | 12/18/2012 14:09 | P9121813.D | 3.50 | 12.80 | |
| CCV 240-69152/21 | | 12/18/2012 17:49 | P9121821.D | 3.50 | 12.81 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69152/7  Date Analyzed: 12/18/2012 11:23

Instrument ID: A2HP9  GC Column: CLP-2  ID: 0.53(mm)

Lab File ID (Standard): P9121807.D  Heated Purge: (Y/N) N

Calibration ID: 12707

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 4.09 | 14.25 | |
| UPPER LIMIT | | | | 4.12 | 14.28 | |
| LOWER LIMIT | | | | 4.06 | 14.22 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69152/7 CCVRT | | 12/18/2012 11:23 | P9121807.D | 4.09 | 14.25 | |
| LCS 240-68554/5-A | | 12/18/2012 12:18 | P9121809.D | 4.09 | 14.25 | |
| 240-18703-24 | 076-0140-0001-ER | 12/18/2012 12:46 | P9121810.D | 4.09 | 14.25 | |
| MB 240-68554/4-A | | 12/18/2012 14:09 | P9121813.D | 4.09 | 14.25 | |
| CCV 240-69152/21 | | 12/18/2012 17:49 | P9121821.D | 4.09 | 14.25 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: STD 240-69893/7  Date Analyzed: 12/22/2012 14:00

Instrument ID: A2HP9  GC Column: CLP-1  ID: 0.53(mm)

Lab File ID (Standard): P9122207.D  Heated Purge: (Y/N) N

Calibration ID: 13014

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| INITIAL CALIBRATION SURROGATE | | | | 3.50 | 12.80 | |
| UPPER LIMIT | | | | 3.53 | 12.83 | |
| LOWER LIMIT | | | | 3.47 | 12.77 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| STD 240-69893/7 ICRT | | 12/22/2012 14:00 | P9122207.D | 3.50 | 12.80 | |
| 240-18703-8 | 072SB-0082-0001-SO | 12/22/2012 22:07 | P9122227.D | 3.50 | 12.80 | |
| 240-18703-18 | 072SB-0075-0001-SO | 12/22/2012 22:31 | P9122228.D | 3.50 | 12.80 | |
| CCV 240-69893/31 | | 12/22/2012 23:44 | P9122231.D | 3.50 | 12.80 | |
| MB 240-69596/9-A | | 12/23/2012 00:59 | P9122234.D | 3.50 | 12.80 | |
| LCS 240-69596/10-A | | 12/23/2012 01:23 | P9122235.D | 3.50 | 12.80 | |
| CCV 240-69893/42 | | 12/23/2012 04:13 | P9122242.D | 3.50 | 12.80 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: STD 240-69893/7 Date Analyzed: 12/22/2012 14:00

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P9122207.D Heated Purge: (Y/N) N

Calibration ID: 13015

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| INITIAL CALIBRATION SURROGATE | | | | 4.09 | 14.25 | |
| UPPER LIMIT | | | | 4.12 | 14.28 | |
| LOWER LIMIT | | | | 4.06 | 14.22 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| STD 240-69893/7 ICRT | | 12/22/2012 14:00 | P9122207.D | 4.09 | 14.25 | |
| 240-18703-8 | 072SB-0082-0001-SO | 12/22/2012 22:07 | P9122227.D | 4.09 | 14.25 | |
| 240-18703-18 | 072SB-0075-0001-SO | 12/22/2012 22:31 | P9122228.D | 4.09 | 14.25 | |
| CCV 240-69893/31 | | 12/22/2012 23:44 | P9122231.D | 4.09 | 14.25 | |
| MB 240-69596/9-A | | 12/23/2012 00:59 | P9122234.D | 4.09 | 14.25 | |
| LCS 240-69596/10-A | | 12/23/2012 01:23 | P9122235.D | 4.09 | 14.25 | |
| CCV 240-69893/42 | | 12/23/2012 04:13 | P9122242.D | 4.09 | 14.25 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68554/5-A

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 12/18/2012 12:18 Date Analyzed (2): 12/18/2012 12:18

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 4.18 | 4.15 | 4.21 | 0.373 | | 10.1 |
| | 2 | | 4.92 | 4.89 | 4.95 | 0.412 | | |
| gamma-BHC (Lindane) | 1 | | 4.56 | 4.53 | 4.59 | 0.378 | | 9.2 |
| | 2 | | 5.47 | 5.44 | 5.50 | 0.415 | | |
| beta-BHC | 1 | | 4.69 | 4.66 | 4.72 | 0.369 | | 6.9 |
| | 2 | | 5.65 | 5.62 | 5.68 | 0.396 | | |
| delta-BHC | 1 | | 4.90 | 4.87 | 4.93 | 0.382 | | 9.3 |
| | 2 | | 6.20 | 6.17 | 6.23 | 0.420 | | |
| Heptachlor | 1 | | 5.19 | 5.15 | 5.22 | 0.381 | | 3.5 |
| | 2 | | 6.30 | 6.26 | 6.33 | 0.395 | | |
| Aldrin | 1 | | 5.64 | 5.61 | 5.67 | 0.362 | | 9.7 |
| | 2 | | 7.01 | 6.98 | 7.04 | 0.399 | | |
| Heptachlor epoxide | 1 | | 6.86 | 6.84 | 6.90 | 0.384 | | 7.3 |
| | 2 | | 8.50 | 8.47 | 8.53 | 0.413 | | |
| gamma-Chlordane | 1 | | 7.17 | 7.14 | 7.20 | 0.380 | | 7.7 |
| | 2 | | 8.93 | 8.90 | 8.96 | 0.411 | | |
| alpha-Chlordane | 1 | | 7.52 | 7.49 | 7.55 | 0.363 | | 9.0 |
| | 2 | | 9.24 | 9.21 | 9.27 | 0.397 | | |
| Endosulfan I | 1 | | 7.80 | 7.77 | 7.83 | 0.330 | | 5.3 |
| | 2 | | 9.30 | 9.27 | 9.33 | 0.349 | | |
| 4,4'-DDE | 1 | | 7.90 | 7.87 | 7.93 | 0.378 | | 8.6 |
| | 2 | | 9.70 | 9.67 | 9.73 | 0.412 | | |
| Dieldrin | 1 | | 8.37 | 8.34 | 8.40 | 0.388 | | 7.0 |
| | 2 | | 9.84 | 9.81 | 9.87 | 0.416 | | |
| Endrin | 1 | | 8.82 | 8.79 | 8.85 | 0.389 | | 7.1 |
| | 2 | | 10.36 | 10.33 | 10.39 | 0.417 | | |
| 4,4'-DDD | 1 | | 9.19 | 9.16 | 9.22 | 0.409 | | 2.0 |
| | 2 | | 10.73 | 10.70 | 10.76 | 0.418 | | |
| Endosulfan II | 1 | | 9.27 | 9.24 | 9.30 | 0.347 | | 17.1 |
| | 2 | | 10.73 | 10.70 | 10.76 | 0.412 | | |
| 4,4'-DDT | 1 | | 9.71 | 9.68 | 9.74 | 0.391 | | 4.0 |
| | 2 | | 11.22 | 11.19 | 11.25 | 0.406 | | |
| Endrin aldehyde | 1 | | 10.07 | 10.04 | 10.10 | 0.380 | | 5.5 |
| | 2 | | 11.30 | 11.27 | 11.33 | 0.401 | | |
| Methoxychlor | 1 | | 10.66 | 10.63 | 10.69 | 0.377 | | 2.2 |
| | 2 | | 12.29 | 12.26 | 12.32 | 0.369 | | |
| Endosulfan sulfate | 1 | | 10.79 | 10.76 | 10.82 | 0.378 | | 10.9 |
| | 2 | | 11.74 | 11.71 | 11.77 | 0.422 | | |
| Endrin ketone | 1 | | 11.19 | 11.16 | 11.22 | 0.372 | | 5.0 |
| | 2 | | 12.47 | 12.44 | 12.50 | 0.391 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69596/10-A

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 12/23/2012 01:23 Date Analyzed (2): 12/23/2012 01:23

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 4.18 | 4.15 | 4.21 | 32.7 | | 8.8 |
| | 2 | | 4.92 | 4.88 | 4.94 | 35.7 | | |
| gamma-BHC (Lindane) | 1 | | 4.56 | 4.53 | 4.59 | 34.8 | | 6.8 |
| | 2 | | 5.47 | 5.44 | 5.50 | 37.2 | | |
| beta-BHC | 1 | | 4.69 | 4.66 | 4.72 | 31.7 | | 9.2 |
| | 2 | | 5.64 | 5.61 | 5.67 | 34.8 | | |
| delta-BHC | 1 | | 4.90 | 4.87 | 4.93 | 34.4 | | 10.3 |
| | 2 | | 6.19 | 6.16 | 6.22 | 38.1 | | |
| Heptachlor | 1 | | 5.18 | 5.15 | 5.22 | 28.9 | | 1.6 |
| | 2 | | 6.29 | 6.25 | 6.32 | 29.4 | | |
| Aldrin | 1 | | 5.64 | 5.60 | 5.66 | 29.8 | | 12.0 |
| | 2 | | 7.01 | 6.97 | 7.03 | 33.7 | | |
| Heptachlor epoxide | 1 | | 6.86 | 6.83 | 6.89 | 35.7 | | 2.6 |
| | 2 | | 8.49 | 8.46 | 8.52 | 36.7 | | |
| gamma-Chlordane | 1 | | 7.17 | 7.13 | 7.19 | 33.7 | | 2.9 |
| | 2 | | 8.92 | 8.89 | 8.95 | 34.6 | | |
| alpha-Chlordane | 1 | | 7.52 | 7.49 | 7.55 | 31.6 | | 7.1 |
| | 2 | | 9.23 | 9.20 | 9.26 | 33.9 | | |
| Endosulfan I | 1 | | 7.79 | 7.77 | 7.83 | 30.1 | | 5.1 |
| | 2 | | 9.29 | 9.26 | 9.32 | 31.6 | | |
| 4,4'-DDE | 1 | | 7.90 | 7.87 | 7.93 | 30.9 | | 8.5 |
| | 2 | | 9.69 | 9.66 | 9.72 | 33.6 | | |
| Dieldrin | 1 | | 8.36 | 8.33 | 8.39 | 35.4 | | 2.1 |
| | 2 | | 9.83 | 9.80 | 9.86 | 36.2 | | |
| Endrin | 1 | | 8.82 | 8.79 | 8.85 | 32.5 | | 3.0 |
| | 2 | | 10.35 | 10.32 | 10.38 | 33.4 | | |
| 4,4'-DDD | 1 | | 9.18 | 9.15 | 9.21 | 36.4 | | 3.9 |
| | 2 | | 10.72 | 10.69 | 10.75 | 35.0 | | |
| Endosulfan II | 1 | | 9.27 | 9.24 | 9.30 | 30.1 | | 14.9 |
| | 2 | | 10.72 | 10.69 | 10.75 | 35.0 | | |
| 4,4'-DDT | 1 | | 9.71 | 9.68 | 9.74 | 32.6 | | 7.7 |
| | 2 | | 11.21 | 11.18 | 11.24 | 35.2 | | |
| Endrin aldehyde | 1 | | 10.07 | 10.04 | 10.10 | 33.8 | | 1.5 |
| | 2 | | 11.30 | 11.27 | 11.33 | 34.3 | | |
| Methoxychlor | 1 | | 10.66 | 10.63 | 10.69 | 32.7 | | 3.0 |
| | 2 | | 12.29 | 12.26 | 12.32 | 31.7 | | |
| Endosulfan sulfate | 1 | | 10.79 | 10.76 | 10.82 | 34.7 | | 9.5 |
| | 2 | | 11.73 | 11.70 | 11.76 | 38.1 | | |
| Endrin ketone | 1 | | 11.19 | 11.16 | 11.22 | 31.3 | | 5.2 |
| | 2 | | 12.47 | 12.44 | 12.50 | 33.0 | | |

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: P9122227.D

Analysis Method: 8081/DOD | Date Collected: 12/10/2012 10:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 11:14

Sample wt/vol: 29.70(g) | Date Analyzed: 12/22/2012 22:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 4.0 | U | 12 | 4.0 | 3.7 |
| 72-55-9 | 4,4'-DDE | 4.0 | U | 10 | 4.0 | 2.3 |
| 50-29-3 | 4,4'-DDT | 4.0 | U | 12 | 4.0 | 3.8 |
| 309-00-2 | Aldrin | 8.0 | U | 24 | 8.0 | 7.2 |
| 319-84-6 | alpha-BHC | 8.0 | U | 15 | 8.0 | 4.4 |
| 5103-71-9 | alpha-Chlordane | 8.0 | U | 18 | 8.0 | 5.6 |
| 319-85-7 | beta-BHC | 8.0 | U | 21 | 8.0 | 6.6 |
| 319-86-8 | delta-BHC | 8.0 | U | 24 | 8.0 | 7.2 |
| 60-57-1 | Dieldrin | 4.0 | U | 10 | 4.0 | 2.8 |
| 959-98-8 | Endosulfan I | 4.0 | U | 10 | 4.0 | 3.1 |
| 33213-65-9 | Endosulfan II | 8.0 | U | 15 | 8.0 | 4.9 |
| 1031-07-8 | Endosulfan sulfate | 8.0 | U | 18 | 8.0 | 5.2 |
| 72-20-8 | Endrin | 4.0 | U | 10 | 4.0 | 3.0 |
| 7421-93-4 | Endrin aldehyde | 8.0 | U | 18 | 8.0 | 6.0 |
| 53494-70-5 | Endrin ketone | 4.0 | U | 12 | 4.0 | 3.8 |
| 58-89-9 | gamma-BHC (Lindane) | 8.0 | U | 15 | 8.0 | 4.4 |
| 5103-74-2 | gamma-Chlordane | 4.0 | U | 10 | 4.0 | 2.5 |
| 76-44-8 | Heptachlor | 8.0 | U | 21 | 8.0 | 6.6 |
| 1024-57-3 | Heptachlor epoxide | 8.0 | U | 15 | 8.0 | 4.8 |
| 72-43-5 | Methoxychlor | 20 | U | 30 | 20 | 9.0 |
| 8001-35-2 | Toxaphene | 120 | U | 400 | 120 | 110 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 88 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 74 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122227.D
Lims ID: 240-18703-H-8-F
Client ID: 072SB-0082-0001-SO
Inject. Date: 22-Dec-2012 22:07:12
Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0016122-027
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 69893
Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 03-Jan-2013 07:24:17
Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK036

First Level Reviewer: vandorenc
Date: 03-Jan-2013 06:47:33

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 8043724 | 0.002958 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 25403161 | 0.002895 | | | |
| | | | | | | RPD = 2.18 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.182 | | | | | | |
| 2 | 100 | | 4.913 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.557 | | | | | | |
| 2 | 100 | | 5.467 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.677 | 4.689 | -0.012 | 589488 | 0.000434 | | | 7 |
| 2 | 100 | 5.638 | 5.643 | -0.005 | 861534 | 0.000197 | | | 7 |
| | | | | | | RPD = 75.00 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.902 | | | | | | |
| 2 | 100 | | 6.192 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.183 | | | | | | |
| 2 | 100 | | 6.289 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.633 | | | | | | |
| 2 | 100 | | 7.005 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.860 | | | | | | |
| 2 | 100 | | 8.492 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.166 | | | | | | |
| 2 | 100 | | 8.919 | | | | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.516 | | | | | | |
| 2 | 100 | | 9.232 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.794 | | | | | | |
| 2 | 100 | | 9.294 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.899 | | | | | | |
| 2 | 100 | | 9.694 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.361 | | | | | | |
| 2 | 100 | | 9.829 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.818 | | | | | | |
| 2 | 100 | | 10.351 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.269 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.706 | | | | | | |
| 2 | 100 | | 11.209 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.065 | | | | | | |
| 2 | 100 | | 11.297 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.789 | | | | | | |
| 2 | 100 | | 11.730 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.188 | | | | | | |
| 2 | 100 | | 12.467 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 8963154 | 0.003511 | | | |
| 2 | 100 | 14.245 | 14.247 | -0.002 | 21916646 | 0.003226 | | | |
| | | | | | | RPD = 8.46 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

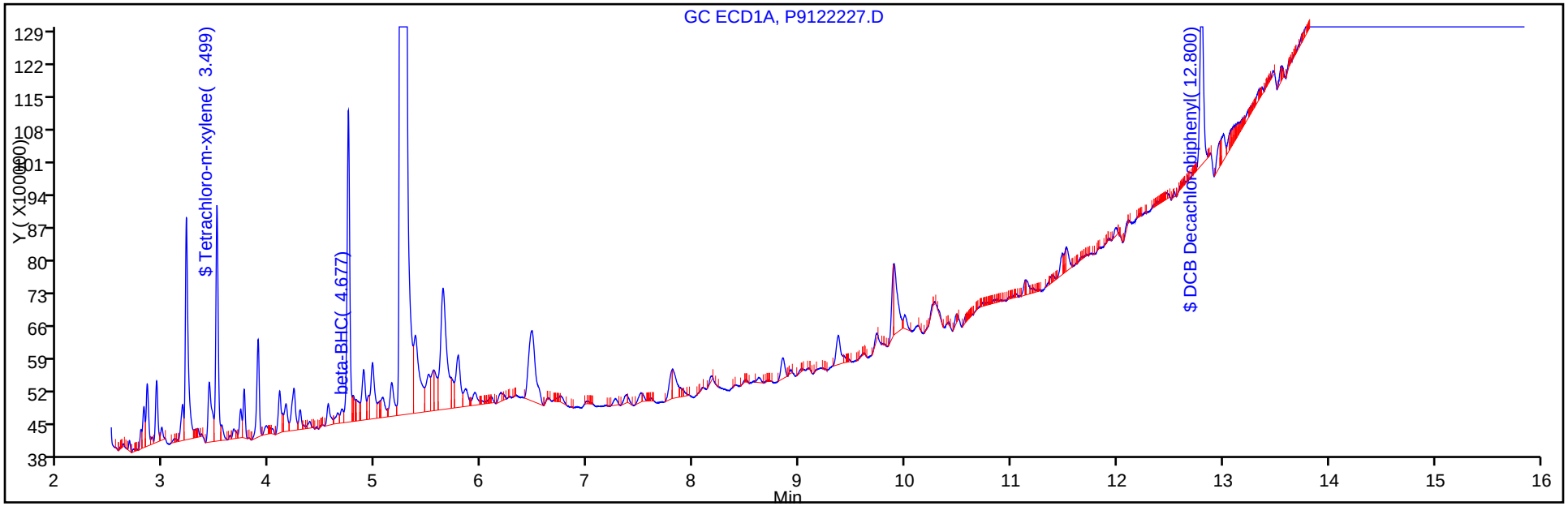
Report Date: 03-Jan-2013 07:24:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

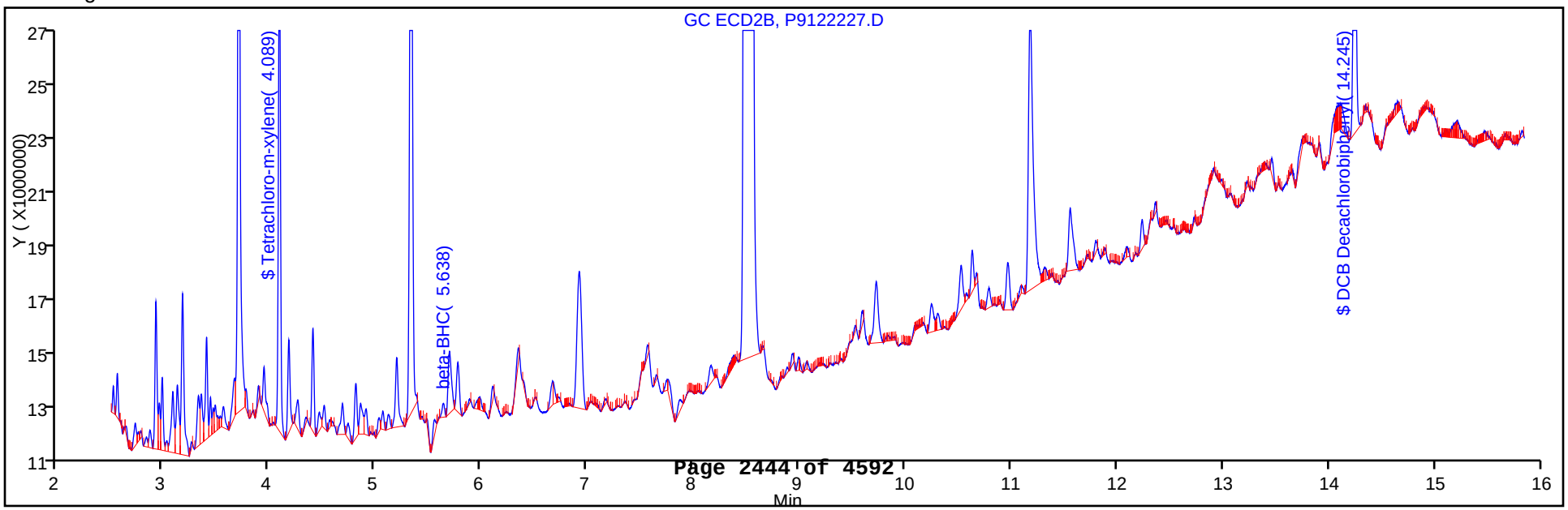
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122227.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 22:07:12 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 27 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO Lab Sample ID: 240-18703-8

Matrix: Solid Lab File ID: P9122227.D

Analysis Method: 8081/DOD Date Collected: 12/10/2012 10:45

Extraction Method: 3540C Date Extracted: 12/20/2012 11:14

Sample wt/vol: 29.70(g) Date Analyzed: 12/22/2012 22:07

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 81 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 72 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122227.D | | |
| Lims ID: | 240-18703-H-8-F | Client ID: | 072SB-0082-0001-SO |
| Inject. Date: | 22-Dec-2012 22:07:12 | Dil. Factor: | 5.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016122-027 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 27 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 27 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m | | |
| Last Update: | 03-Jan-2013 07:24:17 | Calib Date: | 22-Dec-2012 17:38:19 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK036 | | |
| First Level Reviewer: vandorenc | | Date: | 03-Jan-2013 06:47:33 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 8043724 | 0.002958 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 25403161 | 0.002895 | | | |
| | | | | | | RPD = 2.18 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.182 | | | | | | |
| 2 | 100 | | 4.913 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.557 | | | | | | |
| 2 | 100 | | 5.467 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.677 | 4.689 | -0.012 | 589488 | 0.000434 | | | 7 |
| 2 | 100 | 5.638 | 5.643 | -0.005 | 861534 | 0.000197 | | | 7 |
| | | | | | | RPD = 75.00 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.902 | | | | | | |
| 2 | 100 | | 6.192 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.183 | | | | | | |
| 2 | 100 | | 6.289 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.633 | | | | | | |
| 2 | 100 | | 7.005 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.860 | | | | | | |
| 2 | 100 | | 8.492 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.166 | | | | | | |
| 2 | 100 | | 8.919 | | | | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.516 | | | | | | |
| 2 | 100 | | 9.232 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.794 | | | | | | |
| 2 | 100 | | 9.294 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.899 | | | | | | |
| 2 | 100 | | 9.694 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.361 | | | | | | |
| 2 | 100 | | 9.829 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.818 | | | | | | |
| 2 | 100 | | 10.351 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.269 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.706 | | | | | | |
| 2 | 100 | | 11.209 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.065 | | | | | | |
| 2 | 100 | | 11.297 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.789 | | | | | | |
| 2 | 100 | | 11.730 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.188 | | | | | | |
| 2 | 100 | | 12.467 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 8963154 | 0.003511 | | | |
| 2 | 100 | 14.245 | 14.247 | -0.002 | 21916646 | 0.003226 | | | |
| | | | | | | RPD = 8.46 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

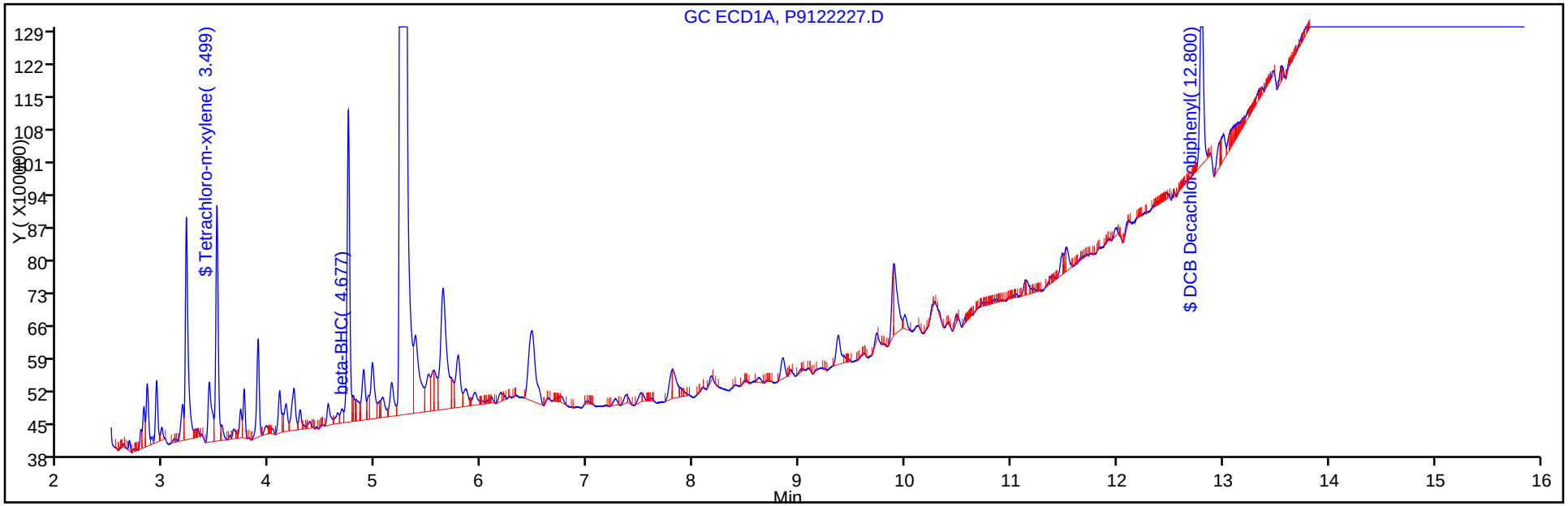
Report Date: 03-Jan-2013 07:24:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

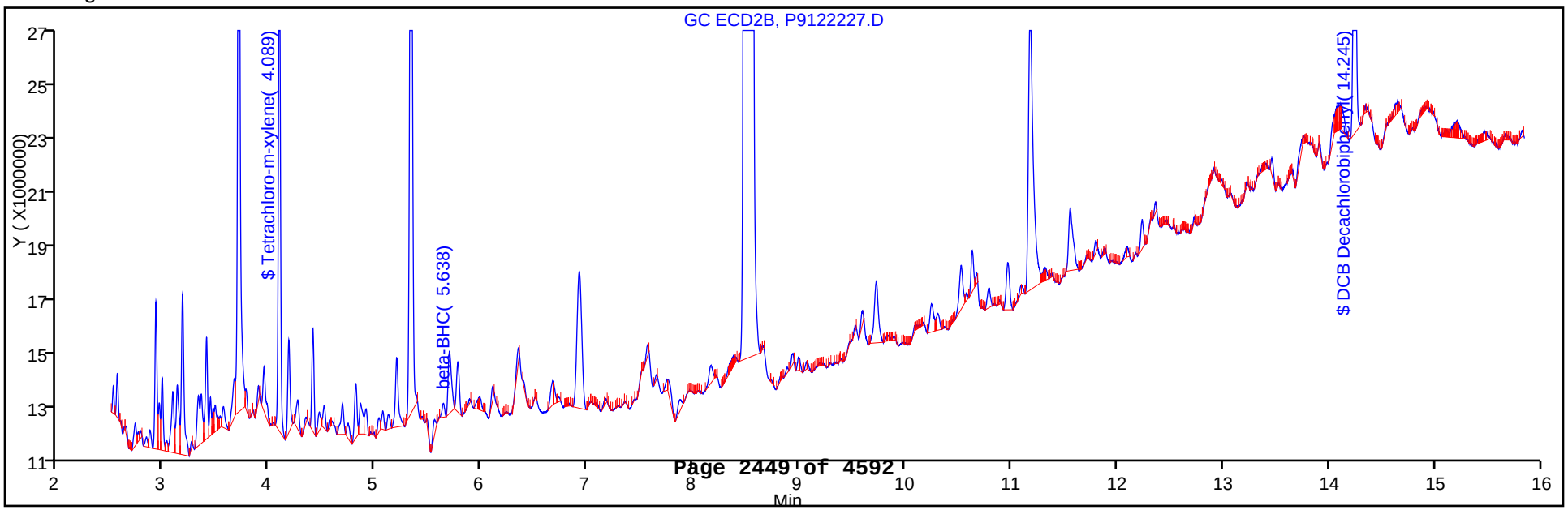
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122227.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 22:07:12 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 27 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: P9122228.D

Analysis Method: 8081/DOD | Date Collected: 12/10/2012 13:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 11:14

Sample wt/vol: 30.22(g) | Date Analyzed: 12/22/2012 22:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.76 | U | 2.3 | 0.76 | 0.71 |
| 72-55-9 | 4,4'-DDE | 0.76 | U | 1.9 | 0.76 | 0.44 |
| 50-29-3 | 4,4'-DDT | 0.76 | U | 2.3 | 0.76 | 0.72 |
| 309-00-2 | Aldrin | 1.5 | U | 4.6 | 1.5 | 1.4 |
| 319-84-6 | alpha-BHC | 1.5 | U | 2.8 | 1.5 | 0.83 |
| 5103-71-9 | alpha-Chlordane | 1.5 | U | 3.4 | 1.5 | 1.1 |
| 319-85-7 | beta-BHC | 1.5 | U | 4.0 | 1.5 | 1.3 |
| 319-86-8 | delta-BHC | 1.5 | U | 4.6 | 1.5 | 1.4 |
| 60-57-1 | Dieldrin | 0.76 | U | 1.9 | 0.76 | 0.54 |
| 959-98-8 | Endosulfan I | 0.76 | U | 1.9 | 0.76 | 0.59 |
| 33213-65-9 | Endosulfan II | 1.5 | U | 2.8 | 1.5 | 0.93 |
| 1031-07-8 | Endosulfan sulfate | 1.5 | U | 3.4 | 1.5 | 0.99 |
| 72-20-8 | Endrin | 0.76 | U | 1.9 | 0.76 | 0.57 |
| 7421-93-4 | Endrin aldehyde | 1.5 | U | 3.4 | 1.5 | 1.1 |
| 53494-70-5 | Endrin ketone | 0.76 | U | 2.3 | 0.76 | 0.72 |
| 58-89-9 | gamma-BHC (Lindane) | 1.5 | U | 2.8 | 1.5 | 0.84 |
| 5103-74-2 | gamma-Chlordane | 0.76 | U | 1.9 | 0.76 | 0.48 |
| 76-44-8 | Heptachlor | 1.5 | U | 4.0 | 1.5 | 1.3 |
| 1024-57-3 | Heptachlor epoxide | 1.5 | U | 2.8 | 1.5 | 0.91 |
| 72-43-5 | Methoxychlor | 3.8 | U | 5.7 | 3.8 | 1.7 |
| 8001-35-2 | Toxaphene | 23 | U | 76 | 23 | 22 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 83 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 81 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122228.D | | |
| Lims ID: | 240-18703-K-18-D | Client ID: | 072SB-0075-0001-SO |
| Inject. Date: | 22-Dec-2012 22:31:39 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016122-028 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 28 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 28 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m | | |
| Last Update: | 03-Jan-2013 07:24:17 | Calib Date: | 22-Dec-2012 17:38:19 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK036 | | |
| First Level Reviewer: vandorenc | | Date: | 03-Jan-2013 06:48:33 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 44242864 | 0.0163 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 143447517 | 0.0163 | | | |
| | | | | | | RPD = 0.45 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.182 | | | | | | |
| 2 | 100 | | 4.913 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.557 | | | | | | |
| 2 | 100 | | 5.467 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.689 | | | | | | |
| 2 | 100 | | 5.643 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.902 | | | | | | |
| 2 | 100 | | 6.192 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.183 | | | | | | |
| 2 | 100 | | 6.289 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.633 | | | | | | |
| 2 | 100 | | 7.005 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.860 | | | | | | |
| 2 | 100 | | 8.492 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.166 | | | | | | |
| 2 | 100 | | 8.919 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.516 | | | | | | |
| 2 | 100 | | 9.232 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.794 | | | | | | |
| 2 | 100 | | 9.294 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.899 | | | | | | |
| 2 | 100 | | 9.694 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.361 | | | | | | |
| 2 | 100 | | 9.829 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.818 | | | | | | |
| 2 | 100 | | 10.351 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.269 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.706 | | | | | | |
| 2 | 100 | | 11.209 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.065 | | | | | | |
| 2 | 100 | | 11.297 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.789 | | | | | | |
| 2 | 100 | | 11.730 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.188 | | | | | | |
| 2 | 100 | | 12.467 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 42396308 | | | 0.0166 | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 108040223 | | | 0.0159 | |

RPD = 4.33

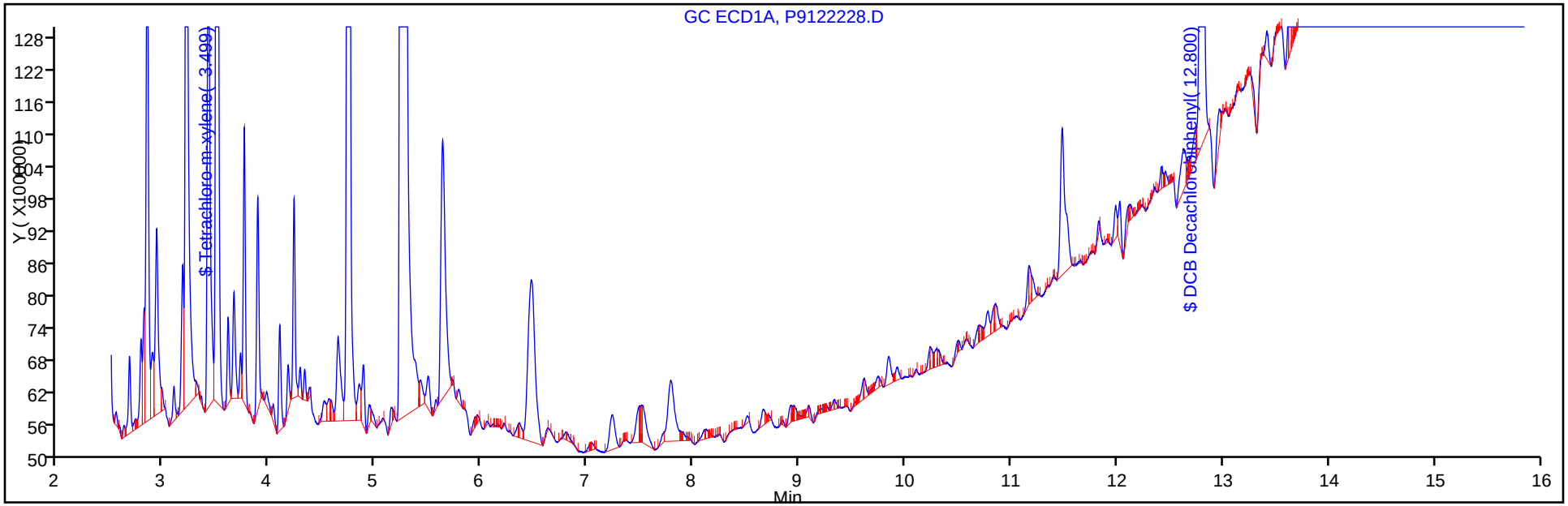
Report Date: 03-Jan-2013 07:24:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

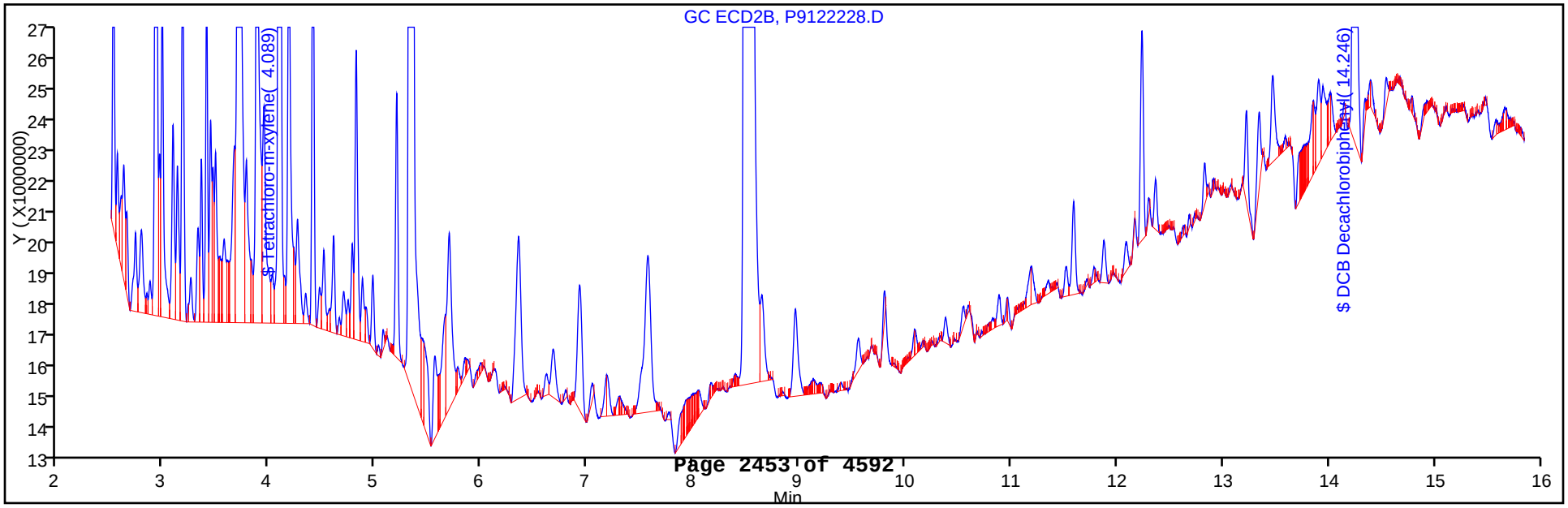
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122228.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 22:31:39 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | 072SB-0075-0001-SO | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 28 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO Lab Sample ID: 240-18703-18

Matrix: Solid Lab File ID: P9122228.D

Analysis Method: 8081/DOD Date Collected: 12/10/2012 13:45

Extraction Method: 3540C Date Extracted: 12/20/2012 11:14

Sample wt/vol: 30.22(g) Date Analyzed: 12/22/2012 22:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 80 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 82 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122228.D | | |
| Lims ID: | 240-18703-K-18-D | Client ID: | 072SB-0075-0001-SO |
| Inject. Date: | 22-Dec-2012 22:31:39 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016122-028 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 28 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 28 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m | | |
| Last Update: | 03-Jan-2013 07:24:17 | Calib Date: | 22-Dec-2012 17:38:19 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK036 | | |
| First Level Reviewer: vandorenc | | Date: | 03-Jan-2013 06:48:33 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 44242864 | 0.0163 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 143447517 | 0.0163 | | | |
| | | | | | | RPD = 0.45 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.182 | | | | | | |
| 2 | 100 | | 4.913 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.557 | | | | | | |
| 2 | 100 | | 5.467 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.689 | | | | | | |
| 2 | 100 | | 5.643 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.902 | | | | | | |
| 2 | 100 | | 6.192 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.183 | | | | | | |
| 2 | 100 | | 6.289 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.633 | | | | | | |
| 2 | 100 | | 7.005 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.860 | | | | | | |
| 2 | 100 | | 8.492 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.166 | | | | | | |
| 2 | 100 | | 8.919 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.516 | | | | | | |
| 2 | 100 | | 9.232 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.794 | | | | | | |
| 2 | 100 | | 9.294 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.899 | | | | | | |
| 2 | 100 | | 9.694 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.361 | | | | | | |
| 2 | 100 | | 9.829 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.818 | | | | | | |
| 2 | 100 | | 10.351 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.269 | | | | | | |
| 2 | 100 | | 10.724 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.706 | | | | | | |
| 2 | 100 | | 11.209 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.065 | | | | | | |
| 2 | 100 | | 11.297 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.789 | | | | | | |
| 2 | 100 | | 11.730 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.188 | | | | | | |
| 2 | 100 | | 12.467 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 42396308 | | 0.0166 | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 108040223 | | 0.0159 | | |

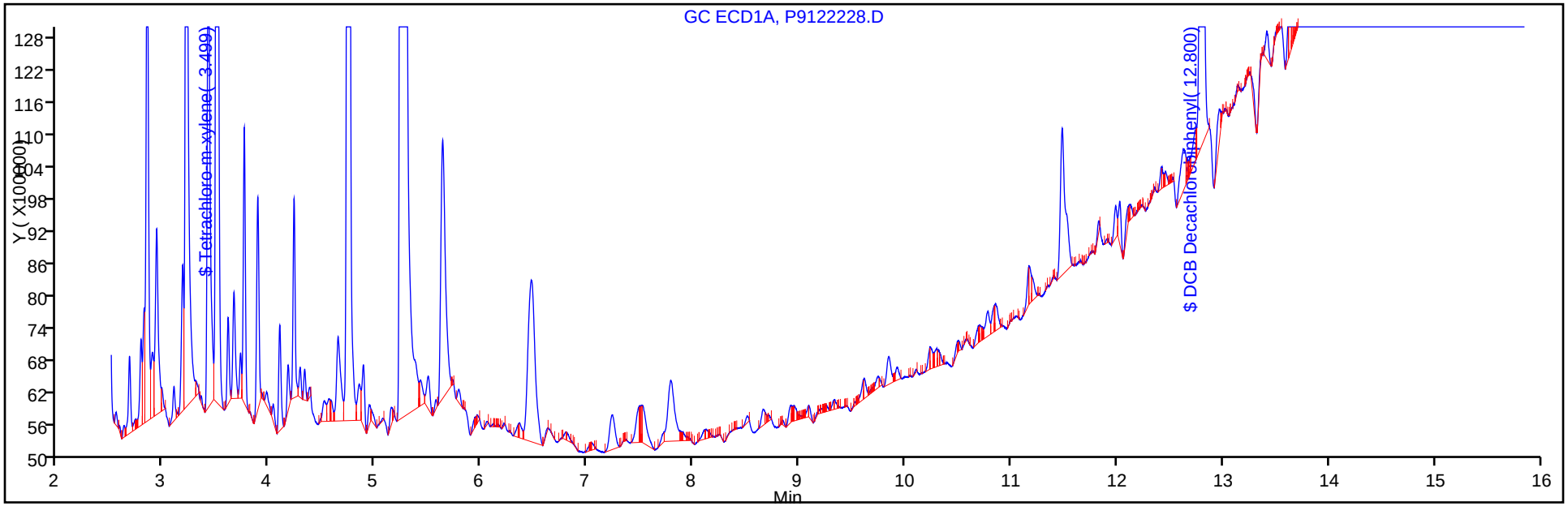
RPD = 4.33

Report Date: 03-Jan-2013 07:24:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

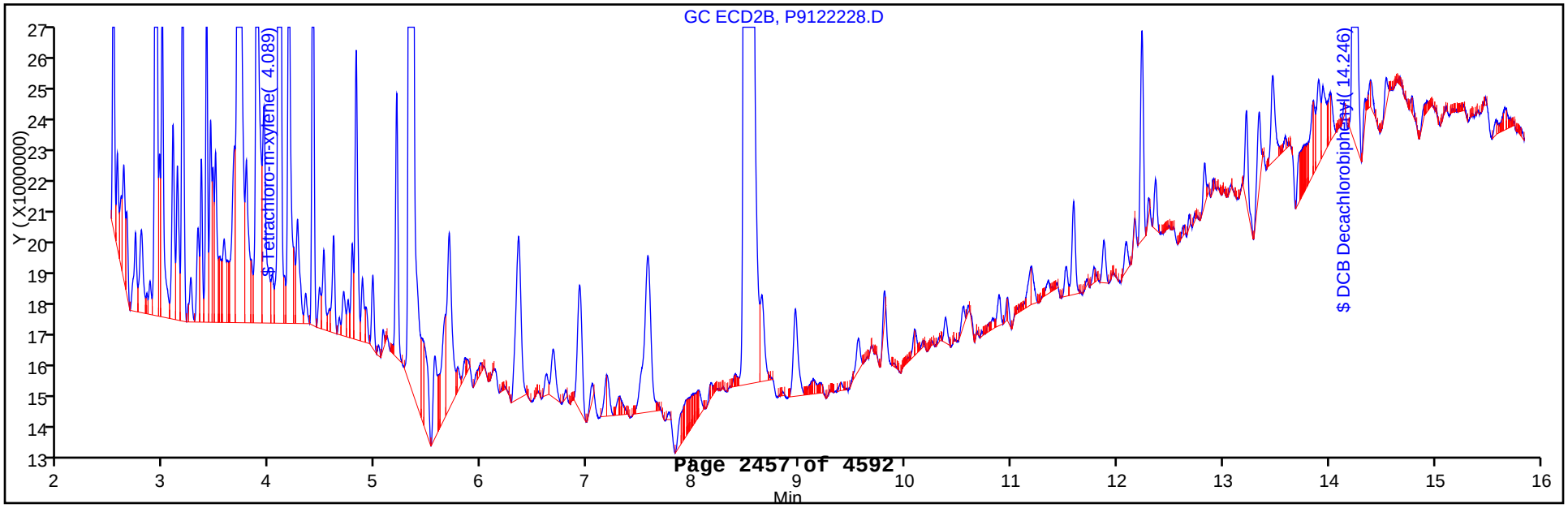
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122228.D | | |
| Injection Date: | 22-Dec-2012 22:31:39 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | 072SB-0075-0001-SO | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 28 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: P9121810.D

Analysis Method: 8081/DOD | Date Collected: 12/09/2012 10:30

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1050(mL) | Date Analyzed: 12/18/2012 12:46

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0095 | U | 0.048 | 0.0095 | 0.0091 |
| 72-55-9 | 4,4'-DDE | 0.0095 | U | 0.048 | 0.0095 | 0.0092 |
| 50-29-3 | 4,4'-DDT | 0.029 | U | 0.048 | 0.029 | 0.015 |
| 309-00-2 | Aldrin | 0.0095 | U | 0.048 | 0.0095 | 0.0078 |
| 319-84-6 | alpha-BHC | 0.0095 | U | 0.048 | 0.0095 | 0.0067 |
| 5103-71-9 | alpha-Chlordane | 0.013 | U | 0.048 | 0.013 | 0.013 |
| 319-85-7 | beta-BHC | 0.0095 | U | 0.048 | 0.0095 | 0.0080 |
| 319-86-8 | delta-BHC | 0.0095 | U | 0.048 | 0.0095 | 0.0083 |
| 60-57-1 | Dieldrin | 0.0095 | U | 0.048 | 0.0095 | 0.0071 |
| 959-98-8 | Endosulfan I | 0.012 | U | 0.048 | 0.012 | 0.012 |
| 33213-65-9 | Endosulfan II | 0.011 | U | 0.048 | 0.011 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.010 | U | 0.048 | 0.010 | 0.010 |
| 72-20-8 | Endrin | 0.010 | U | 0.048 | 0.010 | 0.010 |
| 7421-93-4 | Endrin aldehyde | 0.010 | U | 0.048 | 0.010 | 0.010 |
| 53494-70-5 | Endrin ketone | 0.0095 | U Q | 0.048 | 0.0095 | 0.0074 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0095 | U | 0.048 | 0.0095 | 0.0061 |
| 5103-74-2 | gamma-Chlordane | 0.011 | U | 0.048 | 0.011 | 0.011 |
| 76-44-8 | Heptachlor | 0.0095 | U | 0.048 | 0.0095 | 0.0076 |
| 1024-57-3 | Heptachlor epoxide | 0.0095 | U | 0.048 | 0.0095 | 0.0068 |
| 72-43-5 | Methoxychlor | 0.030 | U | 0.095 | 0.030 | 0.030 |
| 8001-35-2 | Toxaphene | 0.48 | U | 1.9 | 0.48 | 0.30 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 58 | | 30-135 |
| 877-09-8 | Tetrachloro-m-xylene | 85 | | 25-140 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121810.D | | |
| Lims ID: | 240-18703-K-24-B | Client ID: | 076-0140-0001-ER |
| Inject. Date: | 18-Dec-2012 12:46:31 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0015955-010 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 10 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 10 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m | | |
| Last Update: | 19-Dec-2012 12:50:05 | Calib Date: | 06-Dec-2012 18:34:08 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK024 | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.500 | 0.000 | 88170675 | 0.0340 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 270806459 | 0.0350 | | | |
| | | | | | | RPD = 2.97 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.183 | | | | | | |
| 2 | 100 | | 4.917 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.559 | | | | | | |
| 2 | 100 | | 5.472 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.691 | | | | | | |
| 2 | 100 | | 5.649 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.904 | | | | | | |
| 2 | 100 | | 6.198 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.186 | | | | | | |
| 2 | 100 | | 6.296 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.636 | | | | | | |
| 2 | 100 | | 7.012 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.865 | | | | | | |
| 2 | 100 | | 8.499 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.170 | | | | | | |
| 2 | 100 | | 8.926 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.520 | | | | | | |
| 2 | 100 | | 9.239 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.800 | | | | | | |
| 2 | 100 | | 9.298 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.902 | | | | | | |
| 2 | 100 | | 9.698 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.366 | | | | | | |
| 2 | 100 | | 9.835 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.824 | | | | | | |
| 2 | 100 | | 10.357 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.274 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.505 | | | | | | |
| 1 | 2 | | 9.950 | | | | | | |
| 1 | 3 | | 10.016 | | | | | | |
| 1 | 4 | | 10.601 | | | | | | |
| 1 | 5 | | 11.167 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.441 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | 1 |
| 1 | 100 | | 9.708 | | | | | | |
| 2 | 100 | | 11.215 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.068 | | | | | | |
| 2 | 100 | | 11.302 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.292 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.791 | | | | | | |
| 2 | 100 | | 11.736 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.192 | | | | | | |
| 2 | 100 | | 12.473 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 55100788 | 0.0231 | | | |
| 2 | 100 | 14.251 | 14.251 | 0.000 | 132519212 | 0.0231 | | | |

RPD = 0.16

QC Flag Legend

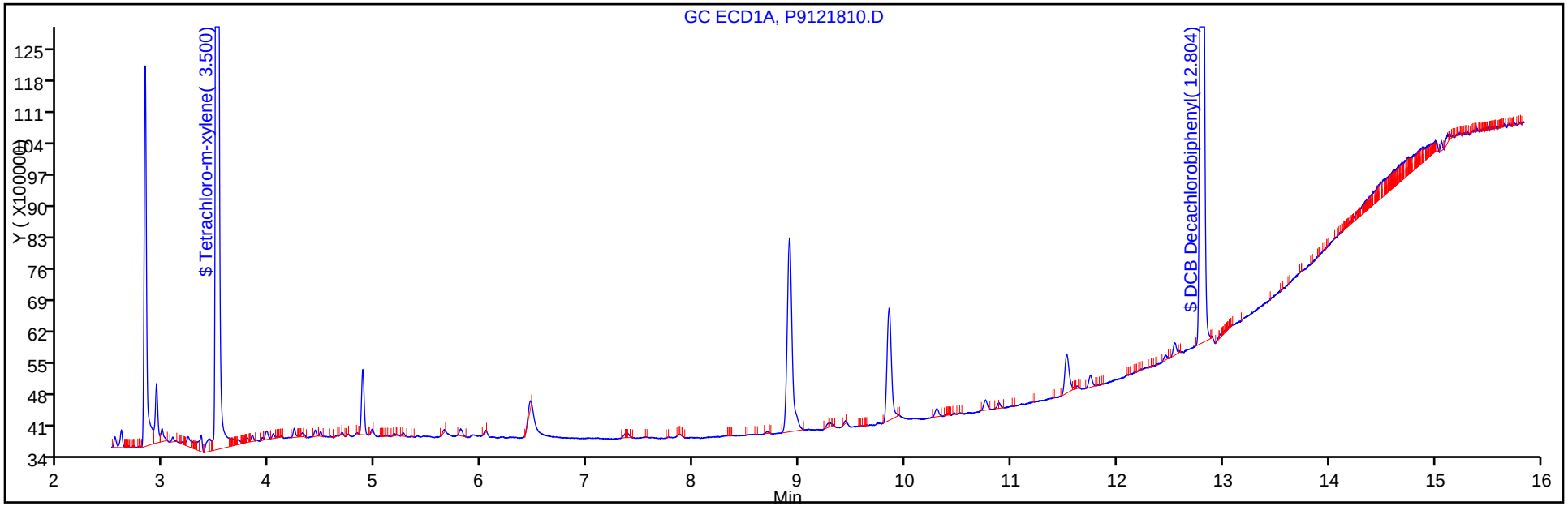
Processing Flags
1 - Missing Peaks

Report Date: 19-Dec-2012 12:50:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

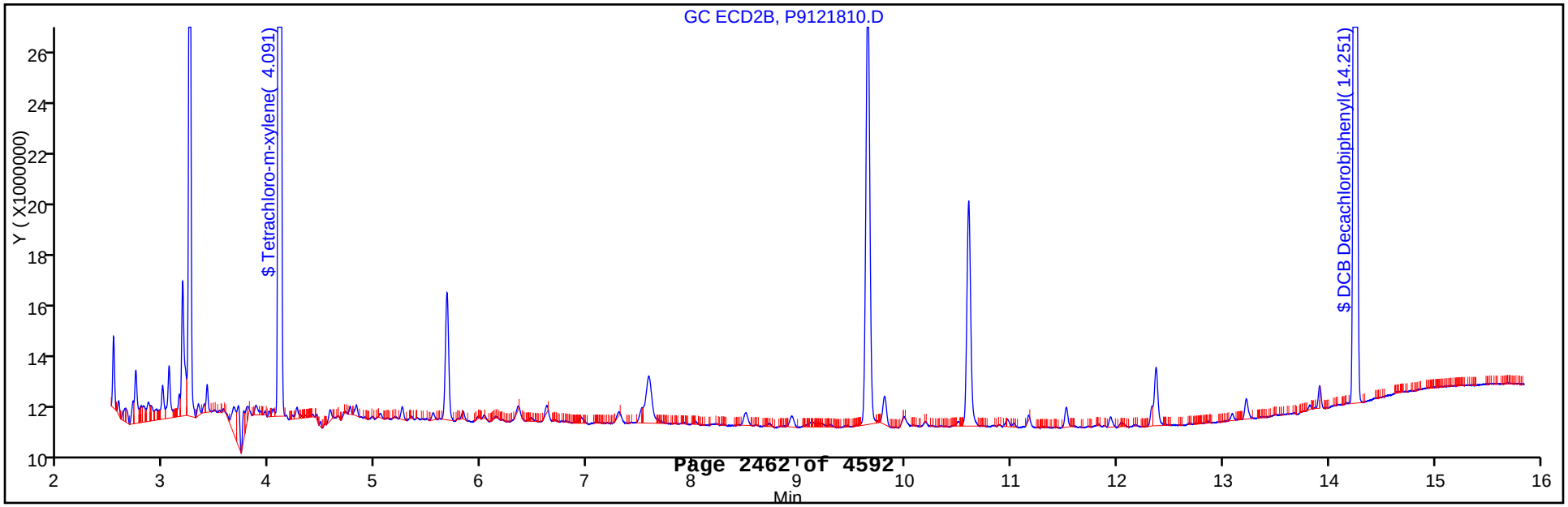
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121810.D | | |
| Injection Date: | 18-Dec-2012 12:46:31 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | 076-0140-0001-ER | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 10 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER Lab Sample ID: 240-18703-24

Matrix: Water Lab File ID: P9121810.D

Analysis Method: 8081/DOD Date Collected: 12/09/2012 10:30

Extraction Method: 3520C Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1050(mL) Date Analyzed: 12/18/2012 12:46

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 58 | | 30-135 |
| 877-09-8 | Tetrachloro-m-xylene | 88 | | 25-140 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121810.D | | |
| Lims ID: | 240-18703-K-24-B | Client ID: | 076-0140-0001-ER |
| Inject. Date: | 18-Dec-2012 12:46:31 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0015955-010 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 10 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 10 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m | | |
| Last Update: | 19-Dec-2012 12:50:05 | Calib Date: | 06-Dec-2012 18:34:08 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK024 | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.500 | 0.000 | 88170675 | 0.0340 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 270806459 | 0.0350 | | | |
| | | | | | | RPD = 2.97 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.183 | | | | | | |
| 2 | 100 | | 4.917 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.559 | | | | | | |
| 2 | 100 | | 5.472 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.691 | | | | | | |
| 2 | 100 | | 5.649 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.904 | | | | | | |
| 2 | 100 | | 6.198 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.186 | | | | | | |
| 2 | 100 | | 6.296 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.636 | | | | | | |
| 2 | 100 | | 7.012 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.865 | | | | | | |
| 2 | 100 | | 8.499 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.170 | | | | | | |
| 2 | 100 | | 8.926 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.520 | | | | | | |
| 2 | 100 | | 9.239 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.800 | | | | | | |
| 2 | 100 | | 9.298 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.902 | | | | | | |
| 2 | 100 | | 9.698 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.366 | | | | | | |
| 2 | 100 | | 9.835 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.824 | | | | | | |
| 2 | 100 | | 10.357 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.274 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.505 | | | | | | |
| 1 | 2 | | 9.950 | | | | | | |
| 1 | 3 | | 10.016 | | | | | | |
| 1 | 4 | | 10.601 | | | | | | |
| 1 | 5 | | 11.167 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.441 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | 1 |
| 1 | 100 | | 9.708 | | | | | | |
| 2 | 100 | | 11.215 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.068 | | | | | | |
| 2 | 100 | | 11.302 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.292 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.791 | | | | | | |
| 2 | 100 | | 11.736 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.192 | | | | | | |
| 2 | 100 | | 12.473 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 55100788 | 0.0231 | | | |
| 2 | 100 | 14.251 | 14.251 | 0.000 | 132519212 | 0.0231 | | | |

RPD = 0.16

QC Flag Legend

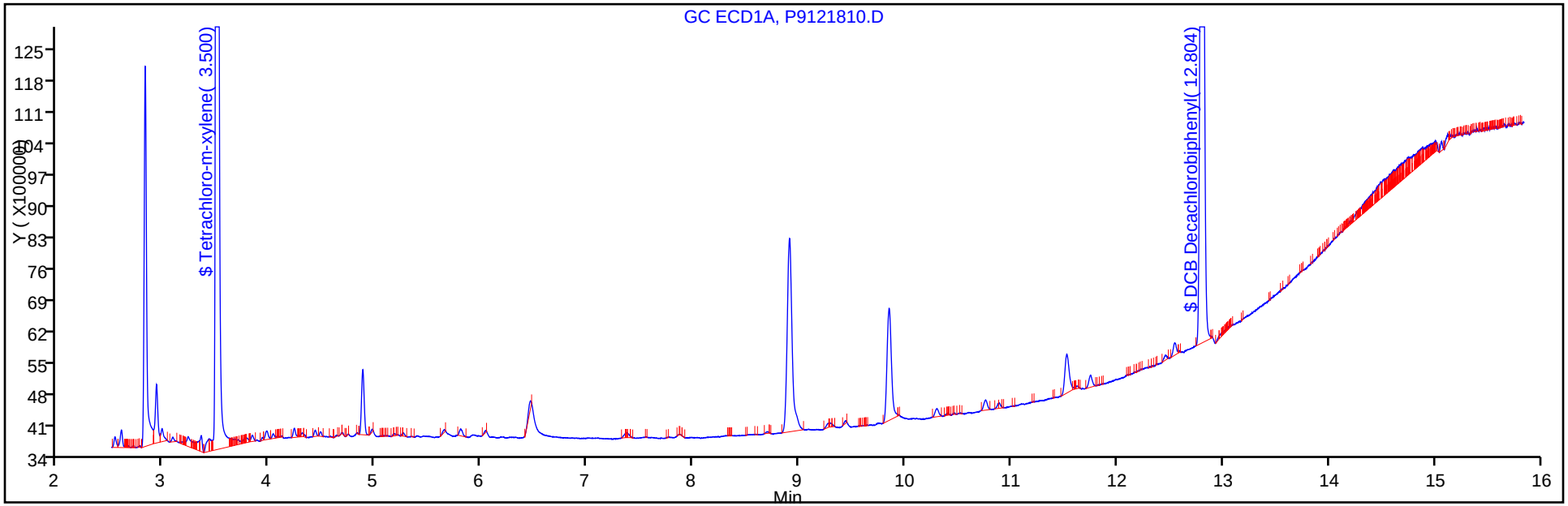
Processing Flags
1 - Missing Peaks

Report Date: 19-Dec-2012 12:50:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

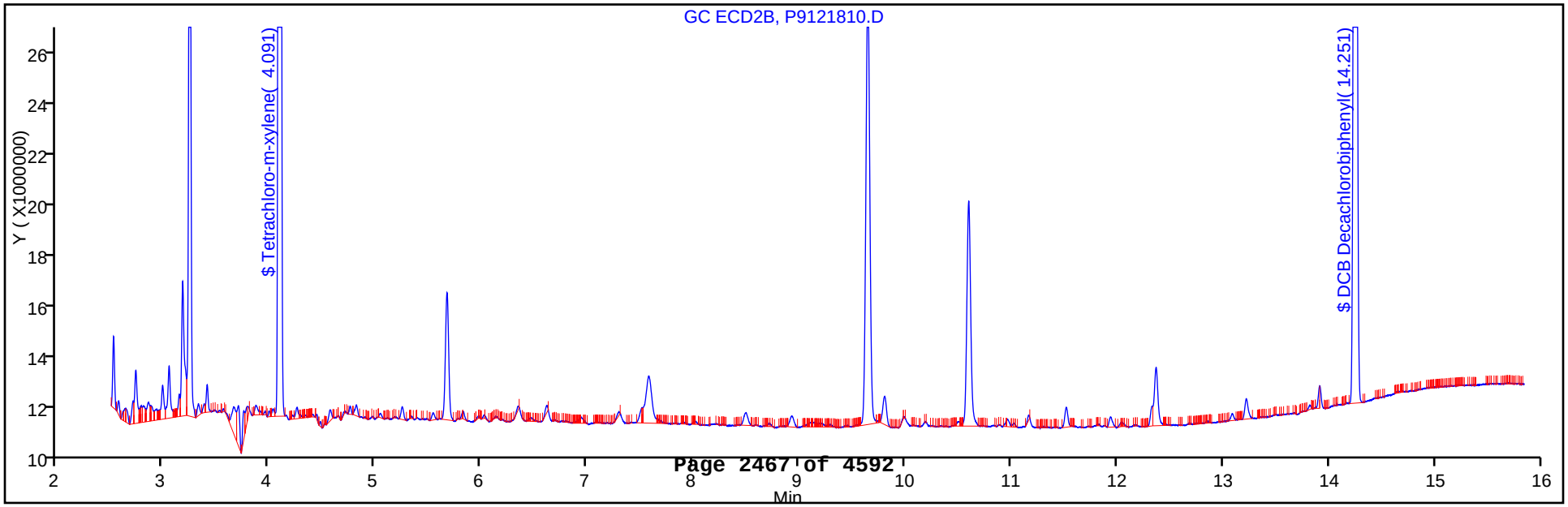
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121810.D | | |
| Injection Date: | 18-Dec-2012 12:46:31 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | 076-0140-0001-ER | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 10 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/5 | P9120605.D |
| Level 2 | STD 240-67554/6 | P9120606.D |
| Level 3 | STD 240-67554/7 | P9120607.D |
| Level 4 | STD 240-67554/8 | P9120608.D |
| Level 5 | STD 240-67554/9 | P9120609.D |
| Level 6 | STD 240-67554/10 | P9120610.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 4.184 | 4.184 | 4.185 | 4.184 | 4.184 | 4.185 | | | | | 4.155 - 4.215 | 4.184 |
| gamma-BHC (Lindane) | 4.560 | 4.560 | 4.560 | 4.561 | 4.560 | 4.561 | | | | | 4.530 - 4.590 | 4.560 |
| beta-BHC | 4.691 | 4.691 | 4.691 | 4.692 | 4.692 | 4.693 | | | | | 4.661 - 4.721 | 4.692 |
| delta-BHC | 4.905 | 4.905 | 4.905 | 4.905 | 4.906 | 4.906 | | | | | 4.875 - 4.935 | 4.905 |
| Heptachlor | 5.186 | 5.186 | 5.187 | 5.188 | 5.187 | 5.188 | | | | | 5.152 - 5.222 | 5.187 |
| Aldrin | 5.639 | 5.639 | 5.639 | 5.638 | 5.638 | 5.639 | | | | | 5.609 - 5.669 | 5.639 |
| Heptachlor epoxide | 6.866 | 6.867 | 6.868 | 6.867 | 6.868 | 6.868 | | | | | 6.838 - 6.898 | 6.867 |
| gamma-Chlordane | 7.173 | 7.173 | 7.174 | 7.173 | 7.172 | 7.174 | | | | | 7.144 - 7.204 | 7.173 |
| alpha-Chlordane | 7.525 | 7.525 | 7.526 | 7.525 | 7.524 | 7.524 | | | | | 7.496 - 7.556 | 7.525 |
| Endosulfan I | 7.802 | 7.802 | 7.803 | 7.801 | 7.803 | 7.803 | | | | | 7.773 - 7.833 | 7.802 |
| 4,4'-DDE | 7.905 | 7.904 | 7.906 | 7.907 | 7.905 | 7.904 | | | | | 7.876 - 7.936 | 7.905 |
| Dieldrin | 8.369 | 8.367 | 8.367 | 8.368 | 8.368 | 8.368 | | | | | 8.337 - 8.397 | 8.368 |
| Endrin | 8.825 | 8.825 | 8.827 | 8.826 | 8.827 | 8.825 | | | | | 8.797 - 8.857 | 8.826 |
| 4,4'-DDD | 9.189 | 9.188 | 9.188 | 9.190 | 9.190 | 9.189 | | | | | 9.158 - 9.218 | 9.189 |
| Endosulfan II | 9.276 | 9.276 | 9.276 | 9.278 | 9.277 | 9.277 | | | | | 9.246 - 9.306 | 9.277 |
| 4,4'-DDT | 9.710 | 9.709 | 9.711 | 9.710 | 9.711 | 9.712 | | | | | 9.681 - 9.741 | 9.711 |
| Endrin aldehyde | 10.070 | 10.071 | 10.071 | 10.070 | 10.070 | 10.072 | | | | | 10.041 - 10.101 | 10.071 |
| Methoxychlor | 10.660 | 10.659 | 10.661 | 10.661 | 10.661 | 10.661 | | | | | 10.631 - 10.691 | 10.661 |
| Endosulfan sulfate | 10.791 | 10.794 | 10.794 | 10.794 | 10.795 | 10.795 | | | | | 10.764 - 10.824 | 10.794 |
| Endrin ketone | 11.194 | 11.194 | 11.194 | 11.193 | 11.195 | 11.193 | | | | | 11.164 - 11.224 | 11.194 |
| Tetrachloro-m-xylene | 3.501 | 3.501 | 3.501 | 3.502 | 3.502 | 3.503 | | | | | 3.471 - 3.531 | 3.502 |
| DCB Decachlorobiphenyl | 12.805 | 12.804 | 12.803 | 12.806 | 12.804 | 12.805 | | | | | 12.773 - 12.833 | 12.805 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/5 | P9120605.D |
| Level 2 | STD 240-67554/6 | P9120606.D |
| Level 3 | STD 240-67554/7 | P9120607.D |
| Level 4 | STD 240-67554/8 | P9120608.D |
| Level 5 | STD 240-67554/9 | P9120609.D |
| Level 6 | STD 240-67554/10 | P9120610.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 3586555400<br>3637613720 | 2916578200<br>3465599795 | 3365228440 | 3557030340 | Ave | | 3421434316 | | | | 7.8 | | 20.0 | | | |
| gamma-BHC (Lindane) | 3191440600<br>3077244680 | 2450261400<br>2876063095 | 2834463560 | 3053146580 | Ave | | 2913769986 | | | | 9.0 | | 20.0 | | | |
| beta-BHC | 1476811400<br>1255720400 | 1118301700<br>1175580385 | 1213417160 | 1261514420 | Ave | | 1250224244 | | | | 9.9 | | 20.0 | | | |
| delta-BHC | 3193101400<br>3227352440 | 2536606900<br>3143443075 | 3029876440 | 3240134960 | Ave | | 3061752536 | | | | 8.8 | | 20.0 | | | |
| Heptachlor | 3009020200<br>2744701200 | 2330803800<br>2487291040 | 2579119360 | 2779105240 | Ave | | 2655006807 | | | | 9.0 | | 20.0 | | | |
| Aldrin | 3509740000<br>3238220780 | 2859458200<br>3101445160 | 3173868720 | 3255879720 | Ave | | 3189768763 | | | | 6.7 | | 20.0 | | | |
| Heptachlor epoxide | 3009245200<br>2602529290 | 2278720400<br>2393061935 | 2543642120 | 2658510540 | Ave | | 2580951581 | | | | 9.8 | | 20.0 | | | |
| gamma-Chlordane | 3129551200<br>2908627190 | 2408994400<br>2777083860 | 2738373440 | 2899482580 | Ave | | 2810352112 | | | | 8.5 | | 20.0 | | | |
| alpha-Chlordane | 3292464800<br>2968773130 | 2562003300<br>2840169160 | 2857617080 | 2966442360 | Ave | | 2914578305 | | | | 8.1 | | 20.0 | | | |
| Endosulfan I | 2882976000<br>2419067430 | 2169178000<br>2227474740 | 2386114960 | 2496293020 | Ave | | 2430184025 | | | | 10.0 | | 20.0 | | | |
| 4,4'-DDE | 3280808600<br>3036671440 | 2690352800<br>2911849685 | 2944154160 | 3044012660 | Ave | | 2984641558 | | | | 6.5 | | 20.0 | | | |
| Dieldrin | 2827555600<br>2536875530 | 2173999500<br>2370901895 | 2479808280 | 2596960620 | Ave | | 2497683571 | | | | 8.8 | | 20.0 | | | |
| Endrin | 2625899600<br>2300544390 | 2034352000<br>2115542150 | 2165227240 | 2355072040 | Ave | | 2266106237 | | | | 9.4 | | 20.0 | | | |
| 4,4'-DDD | 1996123600<br>1914192010 | 1549706100<br>1843992875 | 1791152240 | 1924390520 | Ave | | 1836592891 | | | | 8.6 | | 20.0 | | | |
| Endosulfan II | 2797609800<br>2297728620 | 2106413800<br>2151967255 | 2361923680 | 2444173760 | Ave | | 2359969486 | | | | 11.0 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| 4,4'-DDT | 2140046000<br>2130596840 | 1684867800<br>1994273015 | 1941510640 | 2075930440 | Ave | | 1994537456 | | | | 8.5 | | 20.0 | | | |
| Endrin aldehyde | 2102280800<br>1808389640 | 1605557600<br>1641658925 | 1779459400 | 1860970620 | Ave | | 1799719498 | | | | 9.9 | | 20.0 | | | |
| Methoxychlor | 1105380000<br>927598750 | 845511900<br>832084450 | 945061960 | 956203100 | Ave | | 935306693 | | | | 11.0 | | 20.0 | | | |
| Endosulfan sulfate | 2504145800<br>2183861460 | 1912156400<br>1999407050 | 2167604360 | 2255887340 | Ave | | 2170510402 | | | | 9.5 | | 20.0 | | | |
| Endrin ketone | 2638848200<br>2239313160 | 2003847800<br>2039941480 | 2224100640 | 2318859840 | Ave | | 2244151853 | | | | 10.0 | | 20.0 | | | |
| Tetrachloro-m-xylene | 2932003200<br>2524693710 | 2461314000<br>2439890100 | 2557307040 | 2636055120 | Ave | | 2591877195 | | | | 7.0 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 2662722200<br>2406785450 | 2129942300<br>2301208295 | 2411471560 | 2422844620 | Ave | | 2389162404 | | | | 7.3 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/5 | P9120605.D |
| Level 2 | STD 240-67554/6 | P9120606.D |
| Level 3 | STD 240-67554/7 | P9120607.D |
| Level 4 | STD 240-67554/8 | P9120608.D |
| Level 5 | STD 240-67554/9 | P9120609.D |
| Level 6 | STD 240-67554/10 | P9120610.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | Ave | 17932777<br>693119959 | 29165782 | 84130711 | 177851517 | 363761372 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-BHC (Lindane) | Ave | 15957203<br>575212619 | 24502614 | 70861589 | 152657329 | 307724468 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| beta-BHC | Ave | 7384057<br>235116077 | 11183017 | 30335429 | 63075721 | 125572040 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| delta-BHC | Ave | 15965507<br>628688615 | 25366069 | 75746911 | 162006748 | 322735244 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor | Ave | 15045101<br>497458208 | 23308038 | 64477984 | 138955262 | 274470120 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Aldrin | Ave | 17548700<br>620289032 | 28594582 | 79346718 | 162793986 | 323822078 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor epoxide | Ave | 15046226<br>478612387 | 22787204 | 63591053 | 132925527 | 260252929 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-Chlordane | Ave | 15647756<br>555416772 | 24089944 | 68459336 | 144974129 | 290862719 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| alpha-Chlordane | Ave | 16462324<br>568033832 | 25620033 | 71440427 | 148322118 | 296877313 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan I | Ave | 14414880<br>445494948 | 21691780 | 59652874 | 124814651 | 241906743 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDE | Ave | 16404043<br>582369937 | 26903528 | 73603854 | 152200633 | 303667144 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Dieldrin | Ave | 14137778<br>474180379 | 21739995 | 61995207 | 129848031 | 253687553 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin | Ave | 13129498<br>423108430 | 20343520 | 54130681 | 117753602 | 230054439 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDD | Ave | 9980618<br>368798575 | 15497061 | 44778806 | 96219526 | 191419201 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan II | Ave | 13988049<br>430393451 | 21064138 | 59048092 | 122208688 | 229772862 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDT | Ave | 10700230<br>398854603 | 16848678 | 48537766 | 103796522 | 213059684 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Endrin aldehyde | Ave | 10511404<br>328331785 | 16055576 | 44486485 | 93048531 | 180838964 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Methoxychlor | Ave | 5526900<br>166416890 | 8455119 | 23626549 | 47810155 | 92759875 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan sulfate | Ave | 12520729<br>399881410 | 19121564 | 54190109 | 112794367 | 218386146 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin ketone | Ave | 13194241<br>407988296 | 20038478 | 55602516 | 115942992 | 223931316 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Tetrachloro-m-xylene | Ave | 14660016<br>487978020 | 24613140 | 63932676 | 131802756 | 252469371 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| DCB Decachlorobiphenyl | Ave | 13313611<br>460241659 | 21299423 | 60286789 | 121142231 | 240678545 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 06-Dec-2012 10:48:32 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67554 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:15 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:03:15

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 14660016 | 0.005656 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 41879947 | 0.005419 | | | |
| | | | | | | RPD = 4.28 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 17932777 | 0.005241 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 53428941 | 0.004947 | | | |
| | | | | | | RPD = 5.77 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 15957203 | 0.005476 | | | |
| 2 | 100 | 5.476 | 5.477 | -0.001 | 48324901 | 0.005385 | | | |
| | | | | | | RPD = 1.69 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 7384057 | 0.005906 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 22763108 | 0.006034 | | | |
| | | | | | | RPD = 2.14 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 15965507 | 0.005214 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 49026550 | 0.005200 | | | |
| | | | | | | RPD = 0.27 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.187 | -0.001 | 15045101 | 0.005667 | | | |
| 2 | 100 | 6.303 | 6.303 | 0.000 | 47613888 | 0.005984 | | | |
| | | | | | | RPD = 5.45 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 17548700 | 0.005502 | | | |
| 2 | 100 | 7.019 | 7.021 | -0.002 | 49036135 | 0.005541 | | | |
| | | | | | | RPD = 0.71 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.868 | -0.002 | 15046226 | 0.005830 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 43009905 | 0.005897 | | | |
| | | | | | | RPD = 1.14 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.173 | 7.174 | -0.001 | 15647756 | 0.005568 | | | |
| 2 | 100 | 8.934 | 8.933 | 0.001 | 42682875 | 0.005715 | | | |
| | | | | | | RPD = 2.60 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.525 | 7.526 | -0.001 | 16462324 | 0.005648 | | | |
| 2 | 100 | 9.245 | 9.246 | -0.001 | 43837827 | 0.005798 | | | |
| | | | | | | RPD = 2.62 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.802 | 7.803 | -0.001 | 14414880 | 0.005932 | | | |
| 2 | 100 | 9.306 | 9.307 | -0.001 | 37548838 | 0.006062 | | | |
| | | | | | | RPD = 2.18 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.905 | 7.906 | -0.001 | 16404043 | 0.005496 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 42594758 | 0.005680 | | | |
| | | | | | | RPD = 3.28 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.369 | 8.367 | 0.002 | 14137778 | 0.005660 | | | |
| 2 | 100 | 9.841 | 9.842 | -0.001 | 39250703 | 0.005766 | | | |
| | | | | | | RPD = 1.84 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.827 | -0.002 | 13129498 | 0.005794 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 36297633 | 0.005737 | | | |
| | | | | | | RPD = 0.98 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.189 | 9.188 | 0.001 | 9980618 | 0.005434 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 55673426 | 0.005160 | | | |
| | | | | | | RPD = 5.18 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.276 | 9.276 | 0.000 | 13988049 | 0.005927 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 60213459 | 0.005503 | | | M |
| | | | | | | RPD = 7.42 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.711 | -0.001 | 10700230 | 0.005365 | | | |
| 2 | 100 | 11.219 | 11.221 | -0.002 | 26060441 | 0.005287 | | | |
| | | | | | | RPD = 1.46 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.071 | -0.001 | 10511404 | 0.005841 | | | |
| 2 | 100 | 11.307 | 11.309 | -0.002 | 27614845 | 0.005836 | | | |
| | | | | | | RPD = 0.08 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.661 | -0.001 | 5526900 | 0.005909 | | | |
| 2 | 100 | 12.297 | 12.297 | 0.000 | 14481311 | 0.005819 | | | |
| | | | | | | RPD = 1.54 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.791 | 10.794 | -0.003 | 12520729 | 0.005769 | | | |
| 2 | 100 | 11.740 | 11.741 | -0.001 | 31922825 | 0.005637 | | | |
| | | | | | | RPD = 2.30 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.194 | 0.000 | 13194241 | 0.005879 | | | |
| 2 | 100 | 12.477 | 12.478 | -0.001 | 32841521 | 0.005694 | | | |
| | | | | | | RPD = 3.21 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.805 | 12.803 | 0.002 | 13313611 | 0.005573 | | | |
| 2 | 100 | 14.255 | 14.256 | -0.001 | 32331243 | 0.005636 | | | |
| | | | | | | RPD = 1.13 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

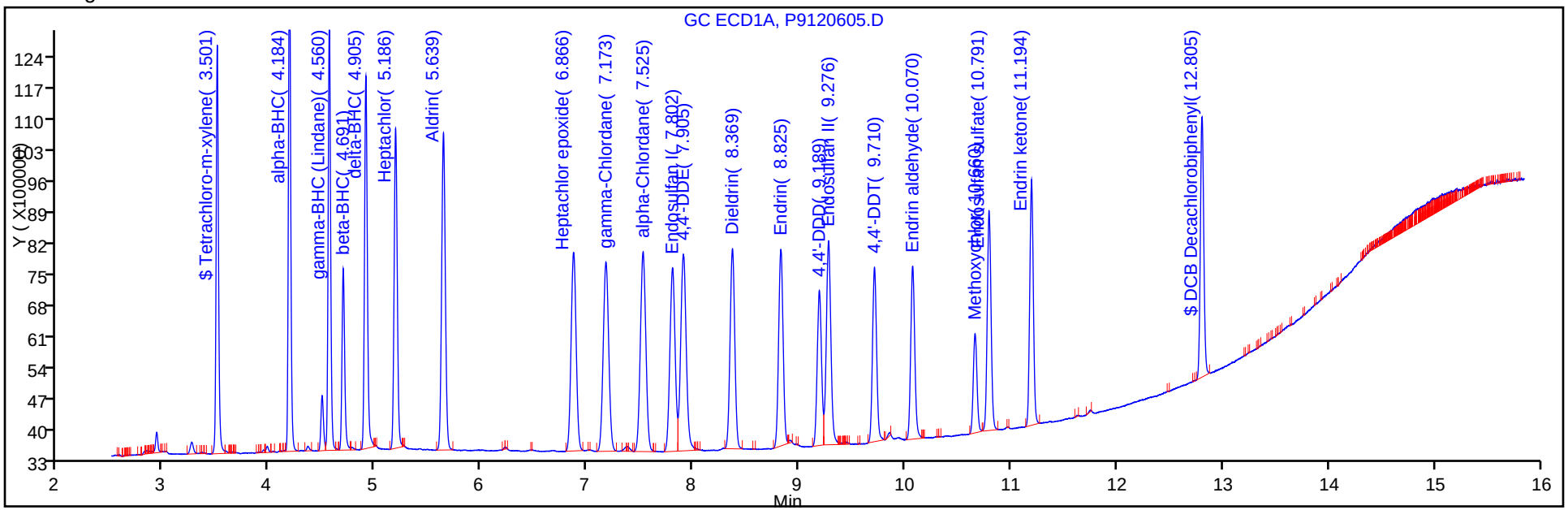
Report Date: 07-Dec-2012 10:25:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

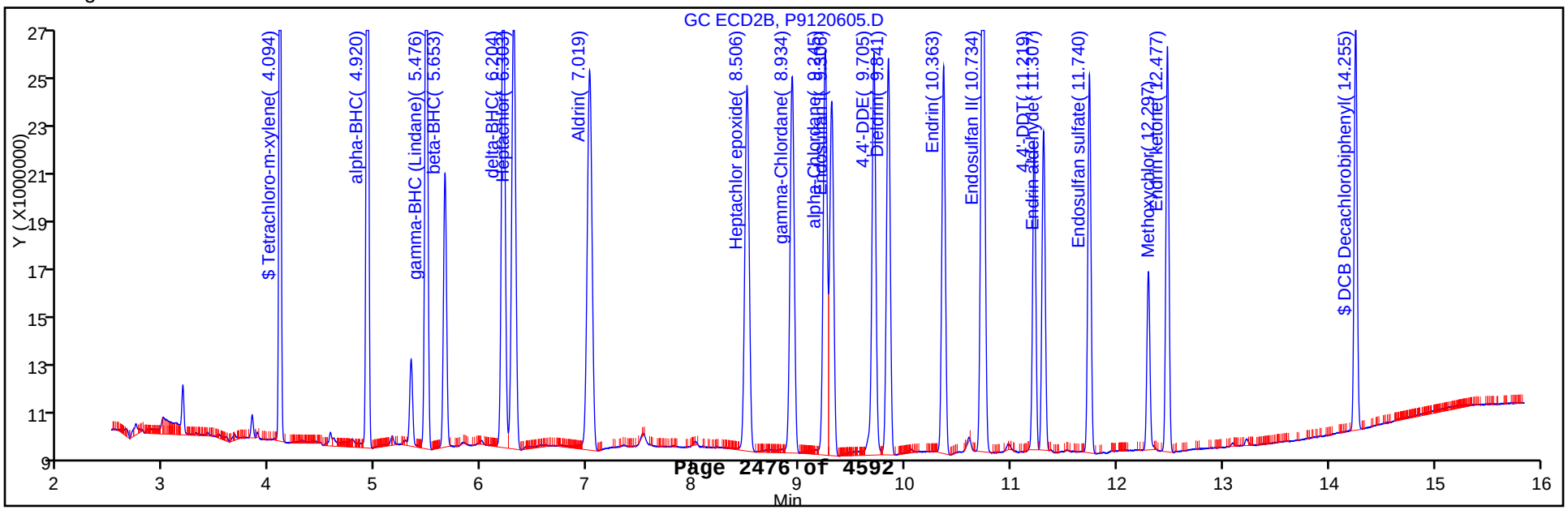
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 10:48:32 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

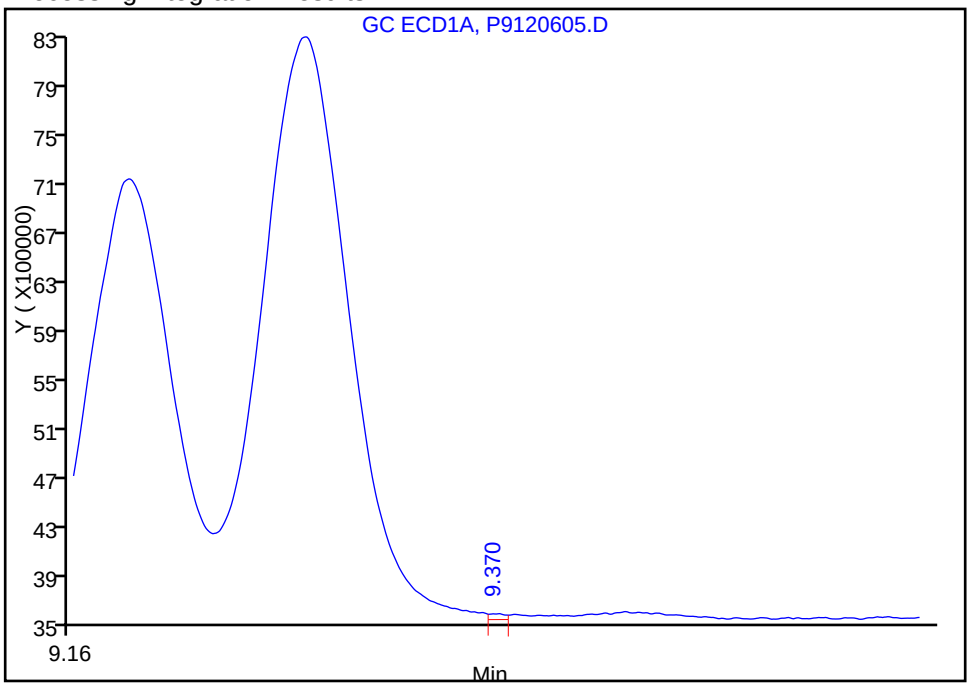
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D | | |
| Injection Date: | 06-Dec-2012 10:48:32 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

15 Endosulfan II, Signal: 1, Type: quant, RT: 9.28, Det: GC ECD1A

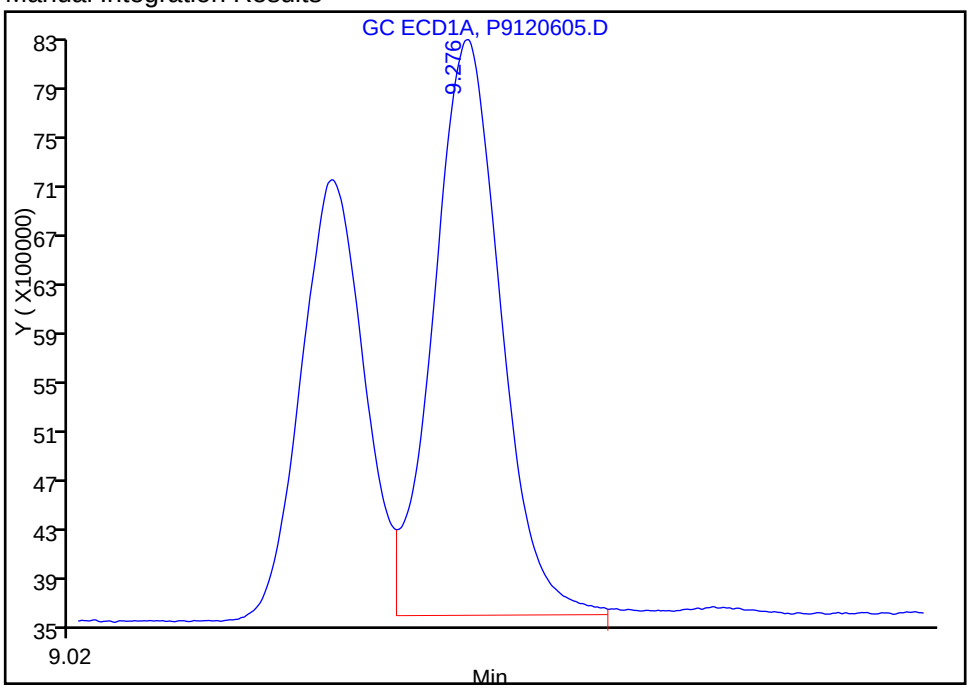
Processing Integration Results

RT: 9.37
Response: 25356
Amount: 0.005000




Manual Integration Results

RT: 9.28
Response: 13988049
Amount: 0.005927




Reviewer: vandorenc, 07-Dec-2012 07:03:15
Audit Action: Assigned Compound ID
Audit Reason:

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 06-Dec-2012 11:16:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67554 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:17 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:19:50

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 24613140 | 0.009496 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 70475093 | 0.009120 | | | |
| | | | | | | RPD = 4.05 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 29165782 | 0.008524 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 85874340 | 0.007952 | | | |
| | | | | | | RPD = 6.95 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 24502614 | 0.008409 | | | |
| 2 | 100 | 5.476 | 5.477 | -0.001 | 73244274 | 0.008162 | | | |
| | | | | | | RPD = 2.99 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 11183017 | 0.008945 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 34077269 | 0.009033 | | | |
| | | | | | | RPD = 0.98 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 25366069 | 0.008285 | | | |
| 2 | 100 | 6.203 | 6.204 | -0.001 | 75355327 | 0.007993 | | | |
| | | | | | | RPD = 3.58 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.187 | -0.001 | 23308038 | 0.008779 | | | |
| 2 | 100 | 6.302 | 6.303 | -0.001 | 70907569 | 0.008911 | | | |
| | | | | | | RPD = 1.50 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 28594582 | 0.008964 | | | |
| 2 | 100 | 7.019 | 7.021 | -0.002 | 79062736 | 0.008933 | | | |
| | | | | | | RPD = 0.35 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.867 | 6.868 | -0.001 | 22787204 | 0.008829 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 64345850 | 0.008822 | | | |
| | | | | | | RPD = 0.08 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.173 | 7.174 | -0.001 | 24089944 | 0.008572 | | | |
| 2 | 100 | 8.931 | 8.933 | -0.002 | 64683143 | 0.008660 | | | |
| | | | | | | RPD = 1.02 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.525 | 7.526 | -0.001 | 25620033 | 0.008790 | | | |
| 2 | 100 | 9.245 | 9.246 | -0.001 | 66736139 | 0.008827 | | | |
| | | | | | | RPD = 0.42 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.802 | 7.803 | -0.001 | 21691780 | 0.008926 | | | |
| 2 | 100 | 9.305 | 9.307 | -0.002 | 55586925 | 0.008975 | | | |
| | | | | | | RPD = 0.54 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.906 | -0.002 | 26903528 | 0.009014 | | | |
| 2 | 100 | 9.704 | 9.706 | -0.002 | 65969120 | 0.008796 | | | |
| | | | | | | RPD = 2.44 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.367 | 8.367 | 0.000 | 21739995 | 0.008704 | | | |
| 2 | 100 | 9.841 | 9.842 | -0.001 | 58807201 | 0.008638 | | | |
| | | | | | | RPD = 0.76 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.827 | -0.002 | 20343520 | 0.008977 | | | |
| 2 | 100 | 10.364 | 10.363 | 0.001 | 54602723 | 0.008631 | | | |
| | | | | | | RPD = 3.94 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 15497061 | 0.008438 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 92262574 | 0.008551 | | | |
| | | | | | | RPD = 1.33 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.276 | 9.276 | 0.000 | 21064138 | 0.008926 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 92262574 | 0.008432 | | | |
| | | | | | | RPD = 5.68 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.711 | -0.002 | 16848678 | 0.008447 | | | |
| 2 | 100 | 11.219 | 11.221 | -0.002 | 40894939 | 0.008297 | | | |
| | | | | | | RPD = 1.80 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.071 | 0.000 | 16055576 | 0.008921 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 42363447 | 0.008953 | | | |
| | | | | | | RPD = 0.36 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.661 | -0.002 | 8455119 | 0.009040 | | | |
| 2 | 100 | 12.299 | 12.297 | 0.002 | 22616291 | 0.009088 | | | |
| | | | | | | RPD = 0.53 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.794 | 10.794 | 0.000 | 19121564 | 0.008810 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 48559323 | 0.008575 | | | |
| | | | | | | RPD = 2.70 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.194 | 0.000 | 20038478 | 0.008929 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 50093393 | 0.008684 | | | |
| | | | | | | RPD = 2.78 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 21299423 | 0.008915 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 50286460 | 0.008766 | | | |
| | | | | | | RPD = 1.69 | | | |

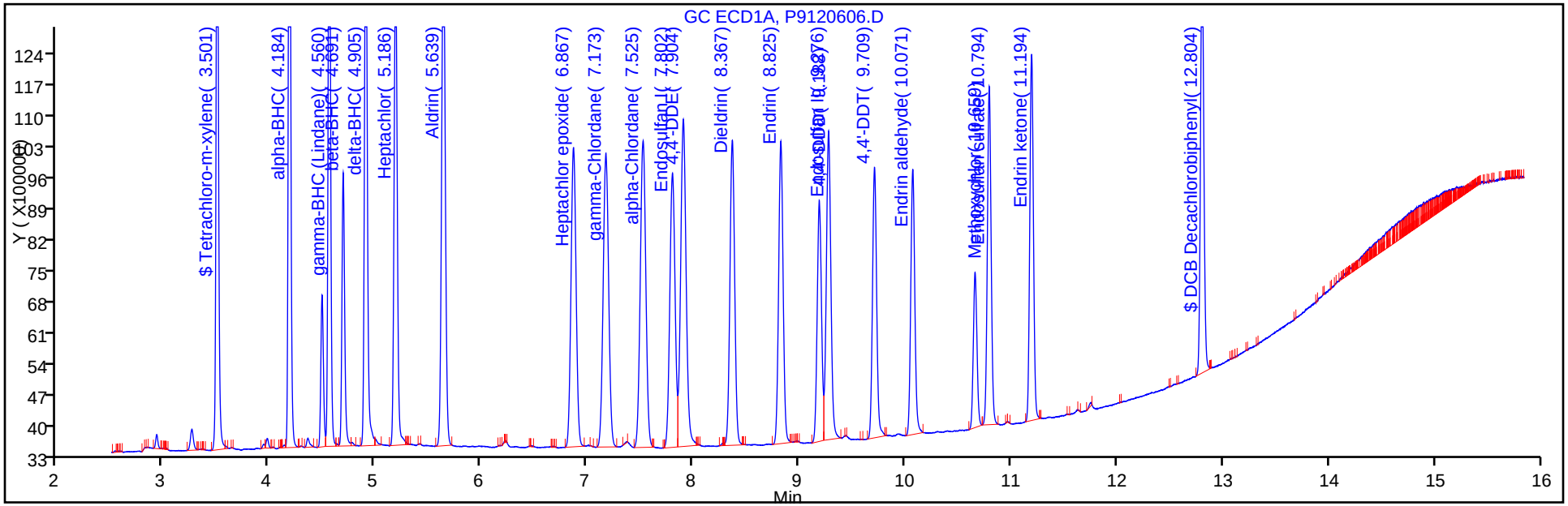
Report Date: 07-Dec-2012 10:25:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

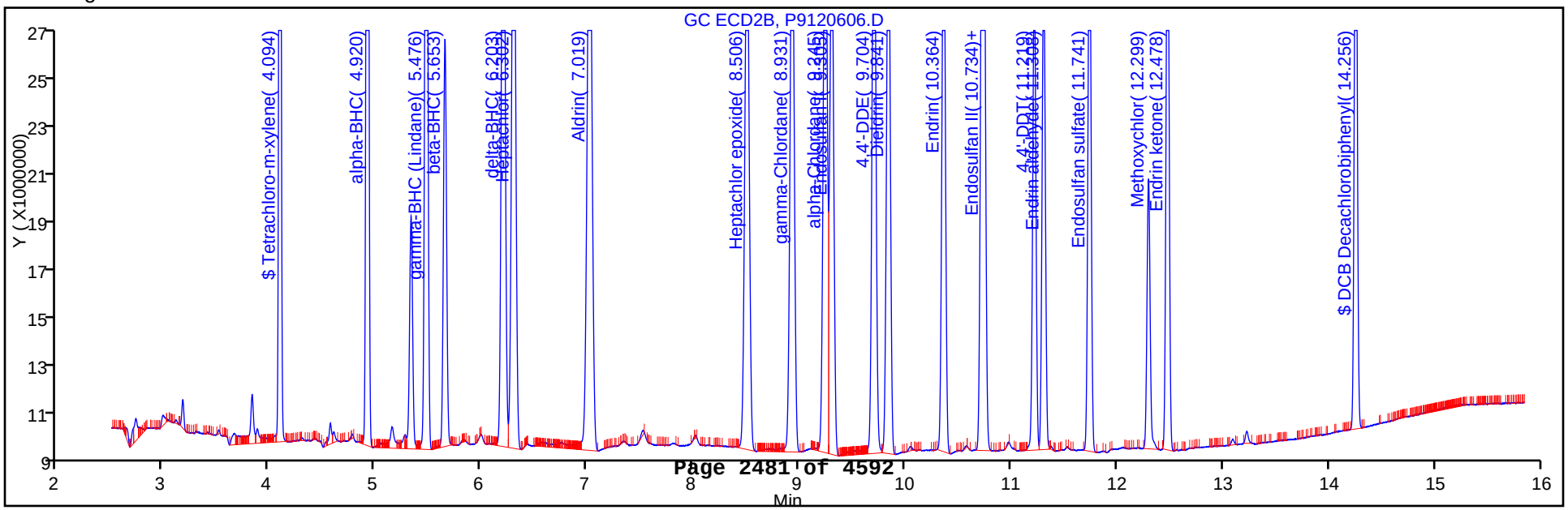
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| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 11:16:36 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 6 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 06-Dec-2012 11:44:51 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015581-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 67554 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:19 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:04

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 63932676 | 0.0247 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 185444155 | 0.0240 | | | |
| | | | | | | RPD = 2.75 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.185 | 4.185 | 0.000 | 84130711 | 0.0246 | | | |
| 2 | 100 | 4.921 | 4.921 | 0.000 | 250061160 | 0.0232 | | | |
| | | | | | | RPD = 6.01 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 70861589 | 0.0243 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 207838612 | 0.0232 | | | |
| | | | | | | RPD = 4.89 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 30335429 | 0.0243 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 90412982 | 0.0240 | | | |
| | | | | | | RPD = 1.23 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 75746911 | 0.0247 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 219625560 | 0.0233 | | | |
| | | | | | | RPD = 6.01 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.187 | 5.187 | 0.000 | 64477984 | 0.0243 | | | |
| 2 | 100 | 6.303 | 6.303 | 0.000 | 186430499 | 0.0234 | | | |
| | | | | | | RPD = 3.59 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 79346718 | 0.0249 | | | |
| 2 | 100 | 7.021 | 7.021 | 0.000 | 211654953 | 0.0239 | | | |
| | | | | | | RPD = 3.94 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.868 | 6.868 | 0.000 | 63591053 | 0.0246 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 174185100 | 0.0239 | | | |
| | | | | | | RPD = 3.12 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.174 | 7.174 | 0.000 | 68459336 | 0.0244 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 177297141 | 0.0237 | | | |
| | | | | | | RPD = 2.59 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.526 | 7.526 | 0.000 | 71440427 | 0.0245 | | | |
| 2 | 100 | 9.246 | 9.246 | 0.000 | 180554580 | 0.0239 | | | |
| | | | | | | RPD = 2.60 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.803 | 7.803 | 0.000 | 59652874 | 0.0245 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 148002566 | 0.0239 | | | |
| | | | | | | RPD = 2.69 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.906 | 7.906 | 0.000 | 73603854 | 0.0247 | | | |
| 2 | 100 | 9.706 | 9.706 | 0.000 | 179746847 | 0.0240 | | | |
| | | | | | | RPD = 2.85 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.367 | 8.367 | 0.000 | 61995207 | 0.0248 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 162706012 | 0.0239 | | | |
| | | | | | | RPD = 3.78 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.827 | 8.827 | 0.000 | 54130681 | 0.0239 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 150909002 | 0.0239 | | | |
| | | | | | | RPD = 0.14 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 44778806 | 0.0244 | | | |
| 2 | 100 | 10.735 | 10.735 | 0.000 | 260095462 | 0.0241 | | | |
| | | | | | | RPD = 1.14 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.276 | 9.276 | 0.000 | 59048092 | 0.0250 | | | |
| 2 | 100 | 10.735 | 10.735 | 0.000 | 260095462 | 0.0238 | | | |
| | | | | | | RPD = 5.12 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.711 | 9.711 | 0.000 | 48537766 | 0.0243 | | | |
| 2 | 100 | 11.221 | 11.221 | 0.000 | 116045447 | 0.0235 | | | |
| | | | | | | RPD = 3.31 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.071 | 0.000 | 44486485 | 0.0247 | | | |
| 2 | 100 | 11.309 | 11.309 | 0.000 | 114759530 | 0.0243 | | | |
| | | | | | | RPD = 1.90 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 23626549 | 0.0253 | | | |
| 2 | 100 | 12.297 | 12.297 | 0.000 | 61155478 | 0.0246 | | | |
| | | | | | | RPD = 2.76 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.794 | 10.794 | 0.000 | 54190109 | 0.0250 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 134229880 | 0.0237 | | | |
| | | | | | | RPD = 5.19 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.194 | 0.000 | 55602516 | 0.0248 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 138377790 | 0.0240 | | | |
| | | | | | | RPD = 3.23 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.803 | 12.803 | 0.000 | 60286789 | 0.0252 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 137380160 | 0.0239 | | | |
| | | | | | | RPD = 5.23 | | | |

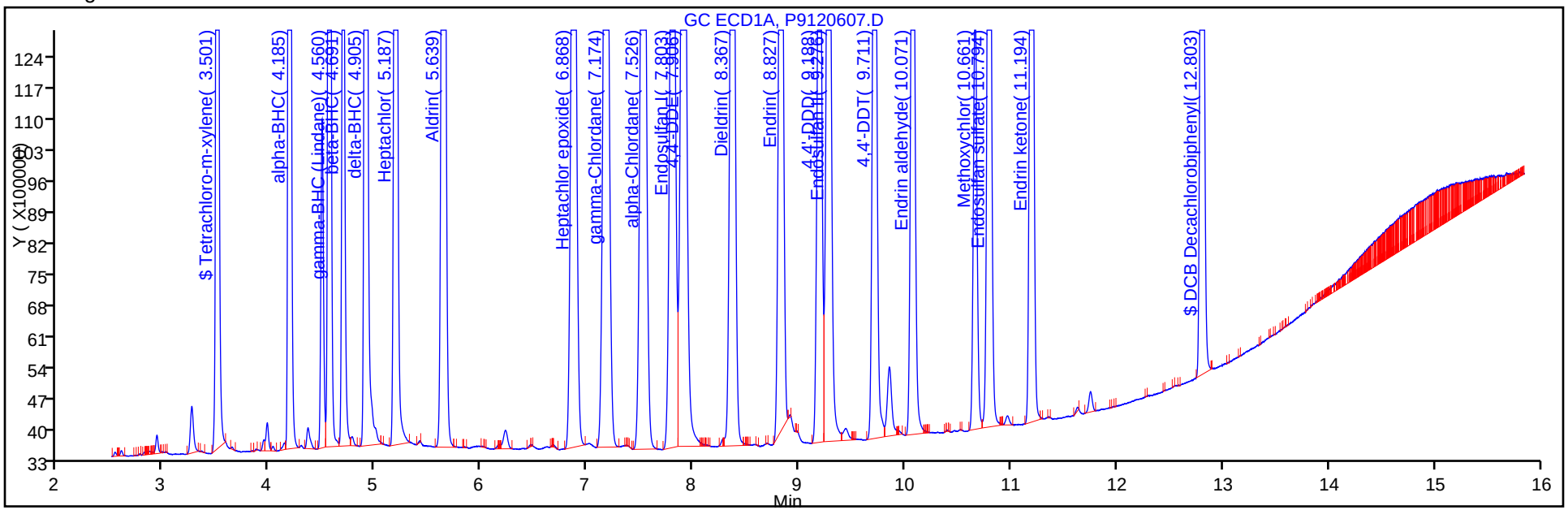
Report Date: 07-Dec-2012 10:25:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

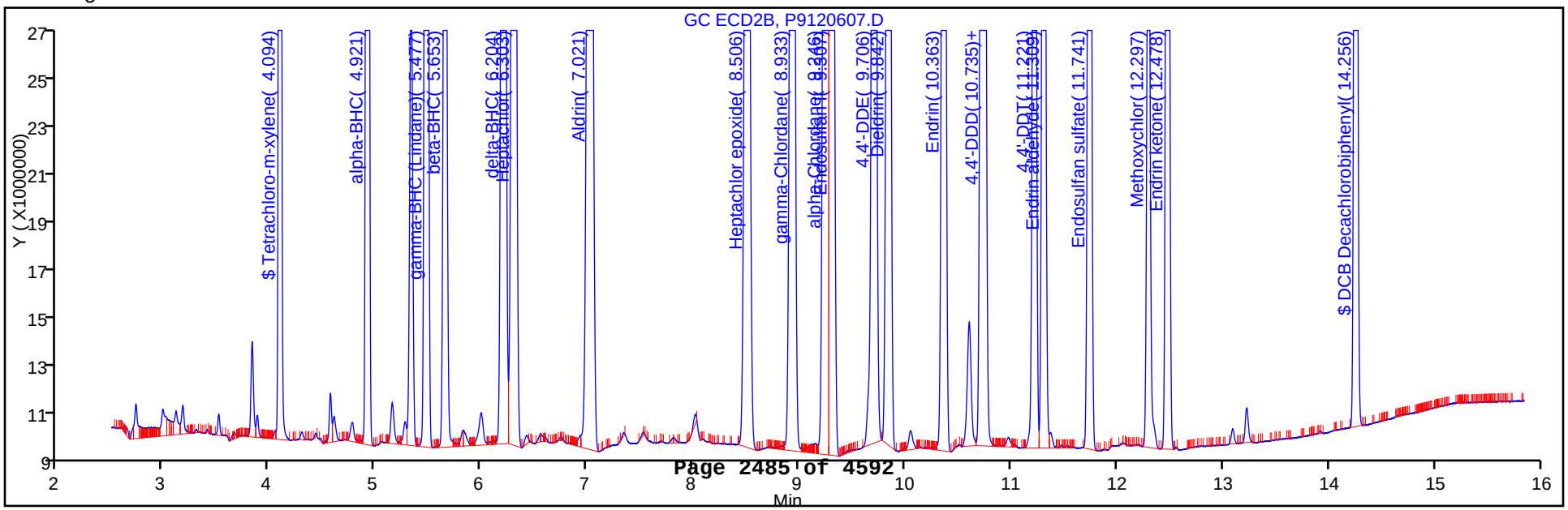
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 11:44:51 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 7 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 06-Dec-2012 12:12:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67554 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:22 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:52

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.502 | 3.501 | 0.001 | 131802756 | 0.0509 | | | |
| 2 | 100 | 4.093 | 4.094 | -0.001 | 387464841 | 0.0501 | | | |
| | | | | | | RPD = 1.41 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 177851517 | 0.0520 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 552155267 | 0.0511 | | | |
| | | | | | | RPD = 1.66 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.561 | 4.560 | 0.001 | 152657329 | 0.0524 | | | |
| 2 | 100 | 5.476 | 5.477 | -0.001 | 462340943 | 0.0515 | | | |
| | | | | | | RPD = 1.68 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.692 | 4.691 | 0.001 | 63075721 | 0.0505 | | | |
| 2 | 100 | 5.652 | 5.653 | -0.001 | 186094681 | 0.0493 | | | |
| | | | | | | RPD = 2.25 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 162006748 | 0.0529 | | | |
| 2 | 100 | 6.203 | 6.204 | -0.001 | 484762669 | 0.0514 | | | |
| | | | | | | RPD = 2.86 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.188 | 5.187 | 0.001 | 138955262 | 0.0523 | | | |
| 2 | 100 | 6.302 | 6.303 | -0.001 | 399191472 | 0.0502 | | | |
| | | | | | | RPD = 4.23 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.638 | 5.639 | -0.001 | 162793986 | 0.0510 | | | |
| 2 | 100 | 7.019 | 7.021 | -0.002 | 438753317 | 0.0496 | | | |
| | | | | | | RPD = 2.91 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.867 | 6.868 | -0.001 | 132925527 | 0.0515 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 366485047 | 0.0502 | | | |
| | | | | | | RPD = 2.47 | | | |
| 21 gamma-Chlordane | | | | | | | | | M |
| 1 | 100 | 7.173 | 7.174 | -0.001 | 144974129 | 0.0516 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 372619183 | 0.0499 | | | M |
| | | | | | | RPD = 3.35 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.525 | 7.526 | -0.001 | 148322118 | 0.0509 | | | |
| 2 | 100 | 9.245 | 9.246 | -0.001 | 373127716 | 0.0494 | | | |
| | | | | | | RPD = 3.07 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.801 | 7.803 | -0.002 | 124814651 | 0.0514 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 310192672 | 0.0501 | | | |
| | | | | | | RPD = 2.52 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.907 | 7.906 | 0.001 | 152200633 | 0.0510 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 368047018 | 0.0491 | | | |
| | | | | | | RPD = 3.84 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.368 | 8.367 | 0.001 | 129848031 | 0.0520 | | | |
| 2 | 100 | 9.841 | 9.842 | -0.001 | 345916217 | 0.0508 | | | |
| | | | | | | RPD = 2.28 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.826 | 8.827 | -0.001 | 117753602 | 0.0520 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 322555035 | 0.0510 | | | |
| | | | | | | RPD = 1.90 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.190 | 9.188 | 0.002 | 96219526 | 0.0524 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 566789449 | 0.0525 | | | |
| | | | | | | RPD = 0.26 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.278 | 9.276 | 0.002 | 122208688 | 0.0518 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 566789449 | 0.0518 | | | |
| | | | | | | RPD = 0.04 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.711 | -0.001 | 103796522 | 0.0520 | | | |
| 2 | 100 | 11.219 | 11.221 | -0.002 | 254526637 | 0.0516 | | | |
| | | | | | | RPD = 0.78 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.071 | -0.001 | 93048531 | 0.0517 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 239958508 | 0.0507 | | | |
| | | | | | | RPD = 1.93 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 47810155 | 0.0511 | | | |
| 2 | 100 | 12.298 | 12.297 | 0.001 | 126055931 | 0.0507 | | | |
| | | | | | | RPD = 0.91 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.794 | 10.794 | 0.000 | 112794367 | 0.0520 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 286587649 | 0.0506 | | | |
| | | | | | | RPD = 2.65 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.194 | -0.001 | 115942992 | 0.0517 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 294457574 | 0.0510 | | | |
| | | | | | | RPD = 1.20 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.806 | 12.803 | 0.003 | 121142231 | 0.0507 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 281368183 | 0.0490 | | | |
| | | | | | | RPD = 3.32 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

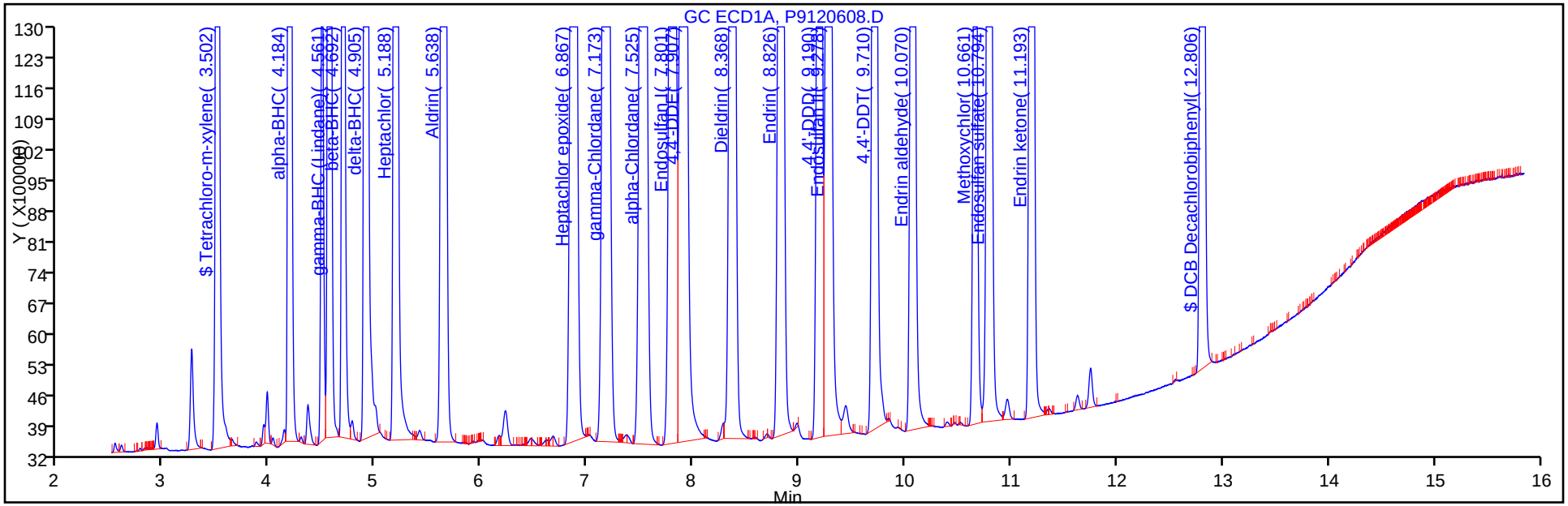
Report Date: 07-Dec-2012 10:25:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

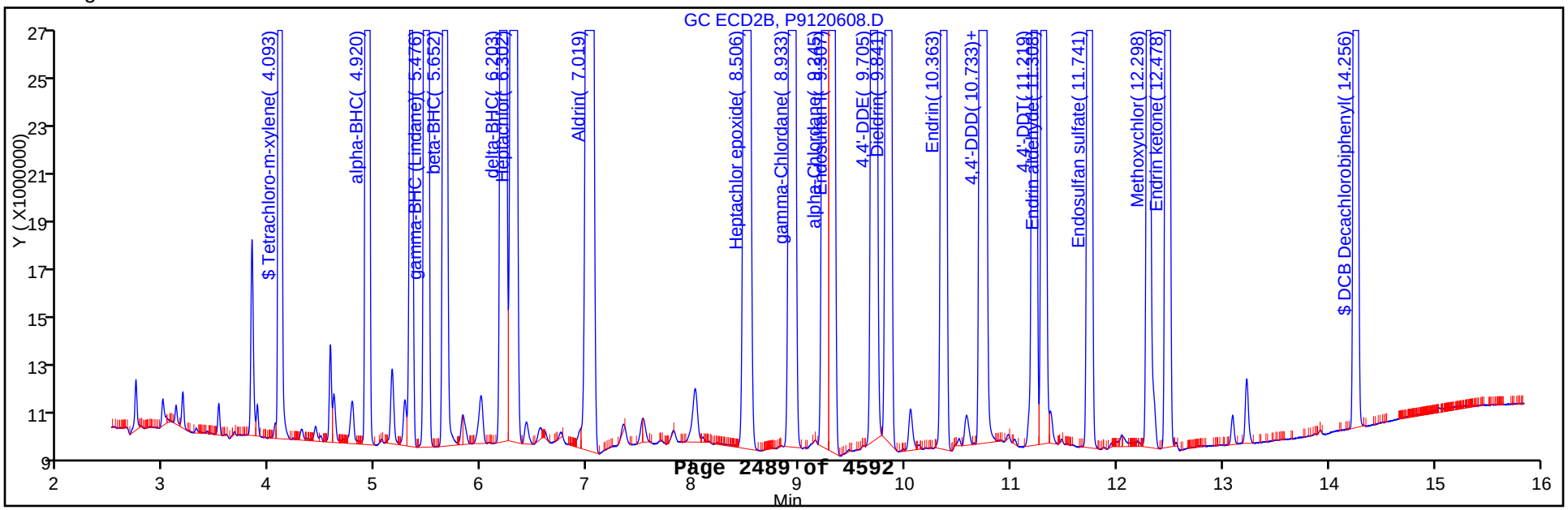
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 12:12:38 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 06-Dec-2012 12:40:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015581-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 67554 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:24 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:27:22

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.502 | 3.501 | 0.001 | 252469371 | 0.0974 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 778482872 | 0.1007 | | | |
| | | | | | | RPD = 3.36 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 363761372 | 0.1063 | | | |
| 2 | 100 | 4.921 | 4.921 | 0.000 | 1203951082 | 0.1115 | | | |
| | | | | | | RPD = 4.74 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 307724468 | 0.1056 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 972381650 | 0.1084 | | | |
| | | | | | | RPD = 2.56 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.692 | 4.691 | 0.001 | 125572040 | 0.1004 | | | |
| 2 | 100 | 5.654 | 5.653 | 0.001 | 374548030 | 0.0993 | | | |
| | | | | | | RPD = 1.16 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.906 | 4.905 | 0.001 | 322735244 | 0.1054 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 1030583118 | 0.1093 | | | |
| | | | | | | RPD = 3.64 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.187 | 5.187 | 0.000 | 274470120 | 0.1034 | | | |
| 2 | 100 | 6.303 | 6.303 | 0.000 | 809943910 | 0.1018 | | | |
| | | | | | | RPD = 1.55 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.638 | 5.639 | -0.001 | 323822078 | 0.1015 | | | |
| 2 | 100 | 7.022 | 7.021 | 0.001 | 908787749 | 0.1027 | | | |
| | | | | | | RPD = 1.14 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.868 | 6.868 | 0.000 | 260252929 | 0.1008 | | | |
| 2 | 100 | 8.507 | 8.506 | 0.001 | 738205385 | 0.1012 | | | |
| | | | | | | RPD = 0.37 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.172 | 7.174 | -0.002 | 290862719 | 0.1035 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 766533947 | 0.1026 | | | |
| | | | | | | RPD = 0.84 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.524 | 7.526 | -0.002 | 296877313 | 0.1019 | | | |
| 2 | 100 | 9.247 | 9.246 | 0.001 | 761707887 | 0.1007 | | | |
| | | | | | | RPD = 1.10 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.803 | 7.803 | 0.000 | 241906743 | 0.0995 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 616612363 | 0.0996 | | | |
| | | | | | | RPD = 0.01 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.905 | 7.906 | -0.001 | 303667144 | 0.1017 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 765391531 | 0.1021 | | | |
| | | | | | | RPD = 0.31 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.368 | 8.367 | 0.001 | 253687553 | 0.1016 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 699363556 | 0.1027 | | | |
| | | | | | | RPD = 1.14 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.827 | 8.827 | 0.000 | 230054439 | 0.1015 | | | |
| 2 | 100 | 10.364 | 10.363 | 0.001 | 654466776 | 0.1034 | | | |
| | | | | | | RPD = 1.88 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.190 | 9.188 | 0.002 | 191419201 | 0.1042 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 1153197812 | 0.1069 | | | |
| | | | | | | RPD = 2.51 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.277 | 9.276 | 0.001 | 229772862 | 0.0974 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 1153197812 | 0.1054 | | | |
| | | | | | | RPD = 7.93 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.711 | 9.711 | 0.000 | 213059684 | 0.1068 | | | |
| 2 | 100 | 11.221 | 11.221 | 0.000 | 528782263 | 0.1073 | | | |
| | | | | | | RPD = 0.43 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.071 | -0.001 | 180838964 | 0.1005 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 476312177 | 0.1007 | | | |
| | | | | | | RPD = 0.18 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 92759875 | 0.0992 | | | |
| 2 | 100 | 12.298 | 12.297 | 0.001 | 246543586 | 0.0991 | | | |
| | | | | | | RPD = 0.11 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.795 | 10.794 | 0.001 | 218386146 | 0.1006 | | | |
| 2 | 100 | 11.742 | 11.741 | 0.001 | 587148869 | 0.1037 | | | |
| | | | | | | RPD = 3.00 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.195 | 11.194 | 0.001 | 223931316 | 0.0998 | | | |
| 2 | 100 | 12.479 | 12.478 | 0.001 | 595555244 | 0.1032 | | | |
| | | | | | | RPD = 3.41 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 240678545 | 0.1007 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 583335794 | 0.1017 | | | |
| | | | | | | RPD = 0.94 | | | |

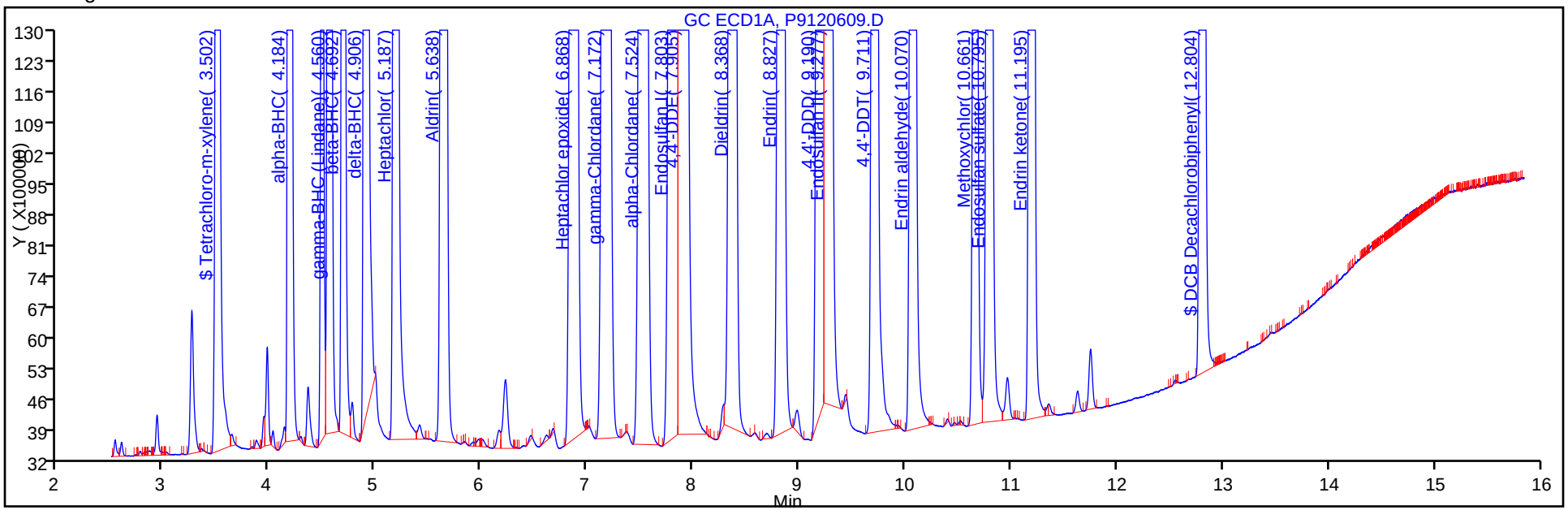
Report Date: 07-Dec-2012 10:25:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

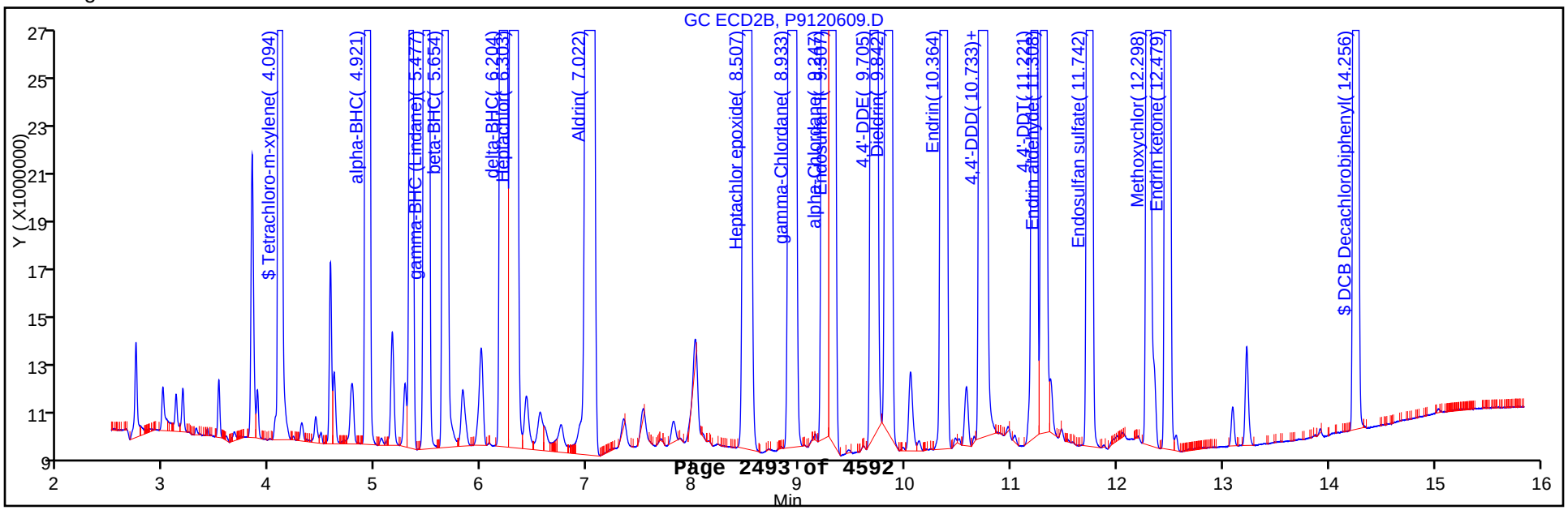
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 12:40:38 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 9 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 06-Dec-2012 13:08:23 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015581-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67554 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:27:52

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.503 | 3.501 | 0.002 | 487978020 | 0.1883 | | | |
| 2 | 100 | 4.096 | 4.094 | 0.002 | 1598464028 | 0.2068 | | | |
| | | | | | | RPD = 9.40 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.185 | 4.185 | 0.000 | 693119959 | 0.2026 | | | |
| 2 | 100 | 4.923 | 4.921 | 0.002 | 2487778002 | 0.2304 | | | |
| | | | | | | RPD = 12.83 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.561 | 4.560 | 0.001 | 575212619 | 0.1974 | | | |
| 2 | 100 | 5.478 | 5.477 | 0.001 | 1914250880 | 0.2133 | | | |
| | | | | | | RPD = 7.74 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.693 | 4.691 | 0.002 | 235116077 | 0.1881 | | | |
| 2 | 100 | 5.654 | 5.653 | 0.001 | 718065091 | 0.1903 | | | |
| | | | | | | RPD = 1.21 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.906 | 4.905 | 0.001 | 628688615 | 0.2053 | | | |
| 2 | 100 | 6.207 | 6.204 | 0.003 | 2087692496 | 0.2214 | | | |
| | | | | | | RPD = 7.55 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.188 | 5.187 | 0.001 | 497458208 | 0.1874 | | | |
| 2 | 100 | 6.304 | 6.303 | 0.001 | 1517604652 | 0.1907 | | | |
| | | | | | | RPD = 1.78 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 620289032 | 0.1945 | | | |
| 2 | 100 | 7.022 | 7.021 | 0.001 | 1811910760 | 0.2047 | | | |
| | | | | | | RPD = 5.14 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.868 | 6.868 | 0.000 | 478612387 | 0.1854 | | | |
| 2 | 100 | 8.508 | 8.506 | 0.002 | 1409684486 | 0.1933 | | | |
| | | | | | | RPD = 4.13 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.174 | 7.174 | 0.000 | 555416772 | 0.1976 | | | |
| 2 | 100 | 8.934 | 8.933 | 0.001 | 1519945472 | 0.2035 | | | |
| | | | | | | RPD = 2.93 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.524 | 7.526 | -0.002 | 568033832 | 0.1949 | | | |
| 2 | 100 | 9.246 | 9.246 | 0.000 | 1524053700 | 0.2016 | | | |
| | | | | | | RPD = 3.37 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.803 | 7.803 | 0.000 | 445494948 | 0.1833 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 1160872124 | 0.1874 | | | |
| | | | | | | RPD = 2.22 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.906 | -0.002 | 582369937 | 0.1951 | | | |
| 2 | 100 | 9.706 | 9.706 | 0.000 | 1535411103 | 0.2047 | | | |
| | | | | | | RPD = 4.81 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.368 | 8.367 | 0.001 | 474180379 | 0.1898 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 1338874831 | 0.1967 | | | |
| | | | | | | RPD = 3.53 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.827 | -0.002 | 423108430 | 0.1867 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 1241583414 | 0.1962 | | | |
| | | | | | | RPD = 4.98 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.189 | 9.188 | 0.001 | 368798575 | 0.2008 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 2221481176 | 0.2059 | | | |
| | | | | | | RPD = 2.50 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.277 | 9.276 | 0.001 | 430393451 | 0.1824 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 2221481176 | 0.2030 | | | |
| | | | | | | RPD = 10.72 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.712 | 9.711 | 0.001 | 398854603 | 0.2000 | | | |
| 2 | 100 | 11.221 | 11.221 | 0.000 | 1050500547 | 0.2131 | | | |
| | | | | | | RPD = 6.37 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.072 | 10.071 | 0.001 | 328331785 | 0.1824 | | | |
| 2 | 100 | 11.307 | 11.309 | -0.002 | 895699396 | 0.1893 | | | |
| | | | | | | RPD = 3.69 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 166416890 | 0.1779 | | | |
| 2 | 100 | 12.297 | 12.297 | 0.000 | 468220707 | 0.1881 | | | |
| | | | | | | RPD = 5.58 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.795 | 10.794 | 0.001 | 399881410 | 0.1842 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 1152872286 | 0.2036 | | | |
| | | | | | | RPD = 9.98 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.194 | -0.001 | 407988296 | 0.1818 | | | |
| 2 | 100 | 12.479 | 12.478 | 0.001 | 1130366463 | 0.1960 | | | |
| | | | | | | RPD = 7.50 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.805 | 12.803 | 0.002 | 460241659 | 0.1926 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 1193888763 | 0.2081 | | | |
| | | | | | | RPD = 7.72 | | | |

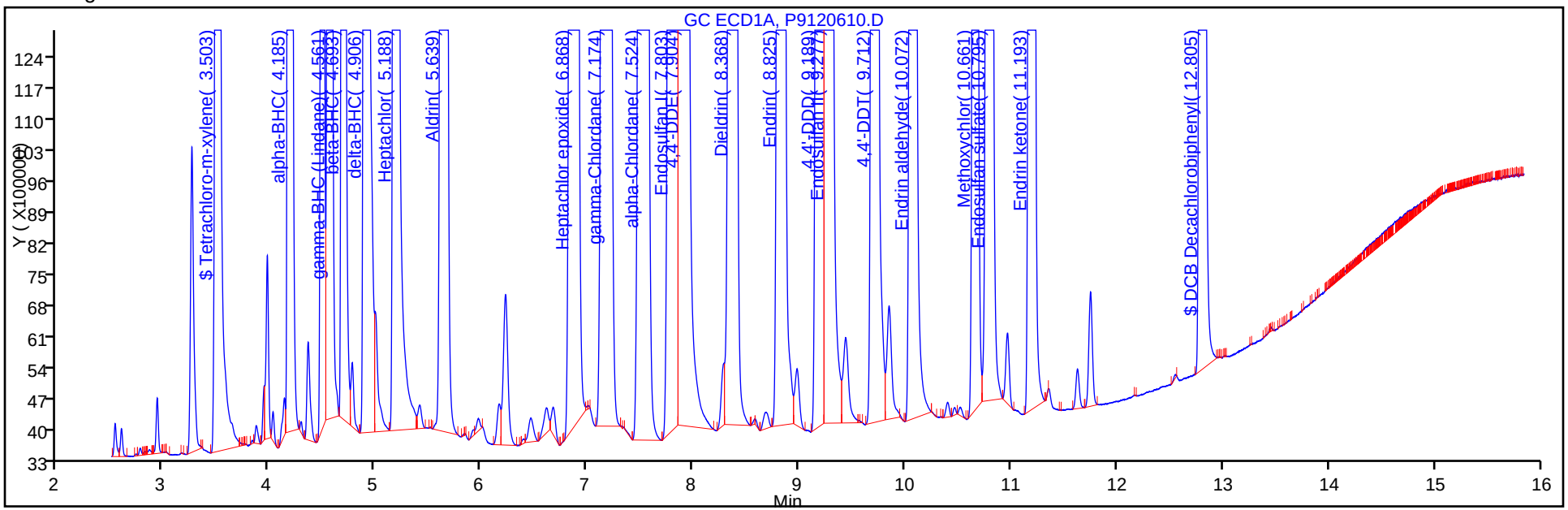
Report Date: 07-Dec-2012 10:25:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

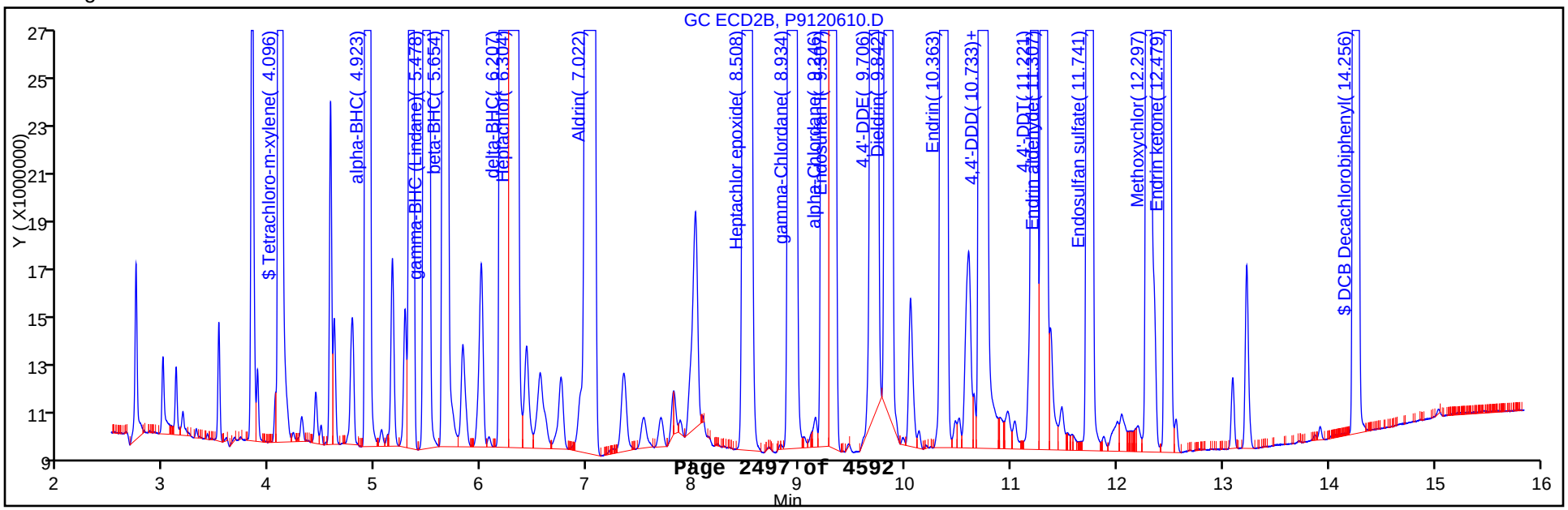
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:08:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 10 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/5 | P9120605.D |
| Level 2 | STD 240-67554/6 | P9120606.D |
| Level 3 | STD 240-67554/7 | P9120607.D |
| Level 4 | STD 240-67554/8 | P9120608.D |
| Level 5 | STD 240-67554/9 | P9120609.D |
| Level 6 | STD 240-67554/10 | P9120610.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 4.920 | 4.920 | 4.921 | 4.920 | 4.921 | 4.923 | | | | | 4.891 - 4.951 | 4.921 |
| gamma-BHC (Lindane) | 5.476 | 5.476 | 5.477 | 5.476 | 5.477 | 5.478 | | | | | 5.447 - 5.507 | 5.477 |
| beta-BHC | 5.653 | 5.653 | 5.653 | 5.652 | 5.654 | 5.654 | | | | | 5.623 - 5.683 | 5.653 |
| delta-BHC | 6.204 | 6.203 | 6.204 | 6.203 | 6.204 | 6.207 | | | | | 6.174 - 6.234 | 6.204 |
| Heptachlor | 6.303 | 6.302 | 6.303 | 6.302 | 6.303 | 6.304 | | | | | 6.268 - 6.338 | 6.303 |
| Aldrin | 7.019 | 7.019 | 7.021 | 7.019 | 7.022 | 7.022 | | | | | 6.991 - 7.051 | 7.020 |
| Heptachlor epoxide | 8.506 | 8.506 | 8.506 | 8.506 | 8.507 | 8.508 | | | | | 8.476 - 8.536 | 8.507 |
| gamma-Chlordane | 8.934 | 8.931 | 8.933 | 8.933 | 8.933 | 8.934 | | | | | 8.903 - 8.963 | 8.933 |
| alpha-Chlordane | 9.245 | 9.245 | 9.246 | 9.245 | 9.247 | 9.246 | | | | | 9.216 - 9.276 | 9.246 |
| Endosulfan I | 9.306 | 9.305 | 9.307 | 9.307 | 9.307 | 9.307 | | | | | 9.277 - 9.337 | 9.307 |
| 4,4'-DDE | 9.705 | 9.704 | 9.706 | 9.705 | 9.705 | 9.706 | | | | | 9.676 - 9.736 | 9.705 |
| Dieldrin | 9.841 | 9.841 | 9.842 | 9.841 | 9.842 | 9.842 | | | | | 9.812 - 9.872 | 9.842 |
| Endrin | 10.363 | 10.364 | 10.363 | 10.363 | 10.364 | 10.363 | | | | | 10.333 - 10.393 | 10.363 |
| 4,4'-DDD | 10.734 | 10.734 | 10.735 | 10.733 | 10.733 | 10.733 | | | | | 10.705 - 10.765 | 10.734 |
| Endosulfan II | 10.734 | 10.734 | 10.735 | 10.733 | 10.733 | 10.733 | | | | | 10.705 - 10.765 | 10.734 |
| 4,4'-DDT | 11.219 | 11.219 | 11.221 | 11.219 | 11.221 | 11.221 | | | | | 11.191 - 11.251 | 11.220 |
| Endrin aldehyde | 11.307 | 11.308 | 11.309 | 11.308 | 11.308 | 11.307 | | | | | 11.279 - 11.339 | 11.308 |
| Endosulfan sulfate | 11.740 | 11.741 | 11.741 | 11.741 | 11.742 | 11.741 | | | | | 11.711 - 11.771 | 11.741 |
| Methoxychlor | 12.297 | 12.299 | 12.297 | 12.298 | 12.298 | 12.297 | | | | | 12.267 - 12.327 | 12.298 |
| Endrin ketone | 12.477 | 12.478 | 12.478 | 12.478 | 12.479 | 12.479 | | | | | 12.448 - 12.508 | 12.478 |
| Tetrachloro-m-xylene | 4.094 | 4.094 | 4.094 | 4.093 | 4.094 | 4.096 | | | | | 4.064 - 4.124 | 4.094 |
| DCB Decachlorobiphenyl | 14.255 | 14.256 | 14.256 | 14.256 | 14.256 | 14.256 | | | | | 14.226 - 14.286 | 14.256 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/5 | P9120605.D |
| Level 2 | STD 240-67554/6 | P9120606.D |
| Level 3 | STD 240-67554/7 | P9120607.D |
| Level 4 | STD 240-67554/8 | P9120608.D |
| Level 5 | STD 240-67554/9 | P9120609.D |
| Level 6 | STD 240-67554/10 | P9120610.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1068578820<br>1203951082<br>0 | 8587434000<br>1243889001<br>0 | 1000244640<br>0 | 1104310534<br>0 | Ave | | 1.07995<br>E+010 | | | | 13.0 | | 20.0 | | | |
| gamma-BHC (Lindane) | 9664980200<br>9723816500 | 7324427400<br>9571254400 | 8313544480 | 9246818860 | Ave | | 8974140307 | | | | 11.0 | | 20.0 | | | |
| beta-BHC | 4552621600<br>3745480300 | 3407726900<br>3590325455 | 3616519280 | 3721893620 | Ave | | 3772427859 | | | | 11.0 | | 20.0 | | | |
| delta-BHC | 9805310000<br>1030583118<br>0 | 7535532700<br>1043846248<br>0 | 8785022400 | 9695253380 | Ave | | 9427568690 | | | | 12.0 | | 20.0 | | | |
| Heptachlor | 9522777600<br>8099439100 | 7090756900<br>7588023260 | 7457219960 | 7983829440 | Ave | | 7957007710 | | | | 11.0 | | 20.0 | | | |
| Aldrin | 9807227000<br>9087877490 | 7906273600<br>9059553800 | 8466198120 | 8775066340 | Ave | | 8850366058 | | | | 7.3 | | 20.0 | | | |
| Heptachlor epoxide | 8601981000<br>7382053850 | 6434585000<br>7048422430 | 6967404000 | 7329700940 | Ave | | 7294024537 | | | | 9.9 | | 20.0 | | | |
| gamma-Chlordane | 8536575000<br>7665339470 | 6468314300<br>7599727360 | 7091885640 | 7452383660 | Ave | | 7469037572 | | | | 9.2 | | 20.0 | | | |
| alpha-Chlordane | 8767565400<br>7617078870 | 6673613900<br>7620268500 | 7222183200 | 7462554320 | Ave | | 7560544032 | | | | 9.1 | | 20.0 | | | |
| Endosulfan I | 7509767600<br>6166123630 | 5558692500<br>5804360620 | 5920102640 | 6203853440 | Ave | | 6193816738 | | | | 11.0 | | 20.0 | | | |
| 4,4'-DDE | 8518951600<br>7653915310 | 6596912000<br>7677055515 | 7189873880 | 7360940360 | Ave | | 7499608111 | | | | 8.5 | | 20.0 | | | |
| Dieldrin | 7850140600<br>6993635560 | 5880720100<br>6694374155 | 6508240480 | 6918324340 | Ave | | 6807572539 | | | | 9.5 | | 20.0 | | | |
| Endrin | 7259526600<br>6544667760 | 5460272300<br>6207917070 | 6036360080 | 6451100700 | Ave | | 6326640752 | | | | 9.4 | | 20.0 | | | |
| 4,4'-DDD | 1113468520<br>1153197812<br>0 | 9226257400<br>1110740588<br>0 | 1040381848<br>0 | 1133578898<br>0 | Ave | | 1.079<br>E+010 | | | | 7.9 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| Endosulfan II | 1204269180<br>1153197812<br>0 | 9226257400<br>1110740588<br>0 | 1040381848<br>0 | 1133578898<br>0 | Ave | | 1.09413<br>E+010 | | | | 9.1 | | 20.0 | | | |
| 4,4'-DDT | 5212088200<br>5287822630 | 4089493900<br>5252502735 | 4641817880 | 5090532740 | Ave | | 4929043014 | | | | 9.6 | | 20.0 | | | |
| Endrin aldehyde | 5522969000<br>4763121770 | 4236344700<br>4478496980 | 4590381200 | 4799170160 | Ave | | 4731747302 | | | | 9.3 | | 20.0 | | | |
| Endosulfan sulfate | 6384565000<br>5871488690 | 4855932300<br>5764361430 | 5369195200 | 5731752980 | Ave | | 5662882600 | | | | 9.1 | | 20.0 | | | |
| Methoxychlor | 2896262200<br>2465435860 | 2261629100<br>2341103535 | 2446219120 | 2521118620 | Ave | | 2488628073 | | | | 8.9 | | 20.0 | | | |
| Endrin ketone | 6568304200<br>5955552440 | 5009339300<br>5651832315 | 5535111600 | 5889151480 | Ave | | 5768215223 | | | | 9.0 | | 20.0 | | | |
| Tetrachloro-m-xylene | 8375989400<br>7784828720 | 7047509300<br>7992320140 | 7417766200 | 7749296820 | Ave | | 7727951763 | | | | 5.9 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 6466248600<br>5833357940 | 5028646000<br>5969443815 | 5495206400 | 5627363660 | Ave | | 5736711069 | | | | 8.4 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/5 | P9120605.D |
| Level 2 | STD 240-67554/6 | P9120606.D |
| Level 3 | STD 240-67554/7 | P9120607.D |
| Level 4 | STD 240-67554/8 | P9120608.D |
| Level 5 | STD 240-67554/9 | P9120609.D |
| Level 6 | STD 240-67554/10 | P9120610.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | Ave | 53428941<br>2487778002 | 85874340 | 250061160 | 552155267 | 1203951082 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-BHC (Lindane) | Ave | 48324901<br>1914250880 | 73244274 | 207838612 | 462340943 | 972381650 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| beta-BHC | Ave | 22763108<br>718065091 | 34077269 | 90412982 | 186094681 | 374548030 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| delta-BHC | Ave | 49026550<br>2087692496 | 75355327 | 219625560 | 484762669 | 1030583118 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor | Ave | 47613888<br>1517604652 | 70907569 | 186430499 | 399191472 | 809943910 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Aldrin | Ave | 49036135<br>1811910760 | 79062736 | 211654953 | 438753317 | 908787749 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor epoxide | Ave | 43009905<br>1409684486 | 64345850 | 174185100 | 366485047 | 738205385 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-Chlordane | Ave | 42682875<br>1519945472 | 64683143 | 177297141 | 372619183 | 766533947 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| alpha-Chlordane | Ave | 43837827<br>1524053700 | 66736139 | 180554580 | 373127716 | 761707887 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan I | Ave | 37548838<br>1160872124 | 55586925 | 148002566 | 310192672 | 616612363 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDE | Ave | 42594758<br>1535411103 | 65969120 | 179746847 | 368047018 | 765391531 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Dieldrin | Ave | 39250703<br>1338874831 | 58807201 | 162706012 | 345916217 | 699363556 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin | Ave | 36297633<br>1241583414 | 54602723 | 150909002 | 322555035 | 654466776 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDD | Ave | 55673426<br>2221481176 | 92262574 | 260095462 | 566789449 | 1153197812 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan II | Ave | 60213459<br>2221481176 | 92262574 | 260095462 | 566789449 | 1153197812 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDT | Ave | 26060441<br>1050500547 | 40894939 | 116045447 | 254526637 | 528782263 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Endrin aldehyde | Ave | 27614845<br>895699396 | 42363447 | 114759530 | 239958508 | 476312177 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan sulfate | Ave | 31922825<br>1152872286 | 48559323 | 134229880 | 286587649 | 587148869 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Methoxychlor | Ave | 14481311<br>468220707 | 22616291 | 61155478 | 126055931 | 246543586 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin ketone | Ave | 32841521<br>1130366463 | 50093393 | 138377790 | 294457574 | 595555244 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Tetrachloro-m-xylene | Ave | 41879947<br>1598464028 | 70475093 | 185444155 | 387464841 | 778482872 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| DCB Decachlorobiphenyl | Ave | 32331243<br>1193888763 | 50286460 | 137380160 | 281368183 | 583335794 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 06-Dec-2012 10:48:32 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67554 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:15 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:03:15

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 14660016 | 0.005656 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 41879947 | 0.005419 | | | |
| | | | | | | RPD = 4.28 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 17932777 | 0.005241 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 53428941 | 0.004947 | | | |
| | | | | | | RPD = 5.77 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 15957203 | 0.005476 | | | |
| 2 | 100 | 5.476 | 5.477 | -0.001 | 48324901 | 0.005385 | | | |
| | | | | | | RPD = 1.69 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 7384057 | 0.005906 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 22763108 | 0.006034 | | | |
| | | | | | | RPD = 2.14 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 15965507 | 0.005214 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 49026550 | 0.005200 | | | |
| | | | | | | RPD = 0.27 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.187 | -0.001 | 15045101 | 0.005667 | | | |
| 2 | 100 | 6.303 | 6.303 | 0.000 | 47613888 | 0.005984 | | | |
| | | | | | | RPD = 5.45 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 17548700 | 0.005502 | | | |
| 2 | 100 | 7.019 | 7.021 | -0.002 | 49036135 | 0.005541 | | | |
| | | | | | | RPD = 0.71 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.868 | -0.002 | 15046226 | 0.005830 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 43009905 | 0.005897 | | | |
| | | | | | | RPD = 1.14 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.173 | 7.174 | -0.001 | 15647756 | 0.005568 | | | |
| 2 | 100 | 8.934 | 8.933 | 0.001 | 42682875 | 0.005715 | | | |
| | | | | | | RPD = 2.60 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.525 | 7.526 | -0.001 | 16462324 | 0.005648 | | | |
| 2 | 100 | 9.245 | 9.246 | -0.001 | 43837827 | 0.005798 | | | |
| | | | | | | RPD = 2.62 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.802 | 7.803 | -0.001 | 14414880 | 0.005932 | | | |
| 2 | 100 | 9.306 | 9.307 | -0.001 | 37548838 | 0.006062 | | | |
| | | | | | | RPD = 2.18 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.905 | 7.906 | -0.001 | 16404043 | 0.005496 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 42594758 | 0.005680 | | | |
| | | | | | | RPD = 3.28 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.369 | 8.367 | 0.002 | 14137778 | 0.005660 | | | |
| 2 | 100 | 9.841 | 9.842 | -0.001 | 39250703 | 0.005766 | | | |
| | | | | | | RPD = 1.84 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.827 | -0.002 | 13129498 | 0.005794 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 36297633 | 0.005737 | | | |
| | | | | | | RPD = 0.98 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.189 | 9.188 | 0.001 | 9980618 | 0.005434 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 55673426 | 0.005160 | | | |
| | | | | | | RPD = 5.18 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.276 | 9.276 | 0.000 | 13988049 | 0.005927 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 60213459 | 0.005503 | | | M |
| | | | | | | RPD = 7.42 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.711 | -0.001 | 10700230 | 0.005365 | | | |
| 2 | 100 | 11.219 | 11.221 | -0.002 | 26060441 | 0.005287 | | | |
| | | | | | | RPD = 1.46 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.071 | -0.001 | 10511404 | 0.005841 | | | |
| 2 | 100 | 11.307 | 11.309 | -0.002 | 27614845 | 0.005836 | | | |
| | | | | | | RPD = 0.08 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.661 | -0.001 | 5526900 | 0.005909 | | | |
| 2 | 100 | 12.297 | 12.297 | 0.000 | 14481311 | 0.005819 | | | |
| | | | | | | RPD = 1.54 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.791 | 10.794 | -0.003 | 12520729 | 0.005769 | | | |
| 2 | 100 | 11.740 | 11.741 | -0.001 | 31922825 | 0.005637 | | | |
| | | | | | | RPD = 2.30 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.194 | 0.000 | 13194241 | 0.005879 | | | |
| 2 | 100 | 12.477 | 12.478 | -0.001 | 32841521 | 0.005694 | | | |
| | | | | | | RPD = 3.21 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.805 | 12.803 | 0.002 | 13313611 | 0.005573 | | | |
| 2 | 100 | 14.255 | 14.256 | -0.001 | 32331243 | 0.005636 | | | |
| | | | | | | RPD = 1.13 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

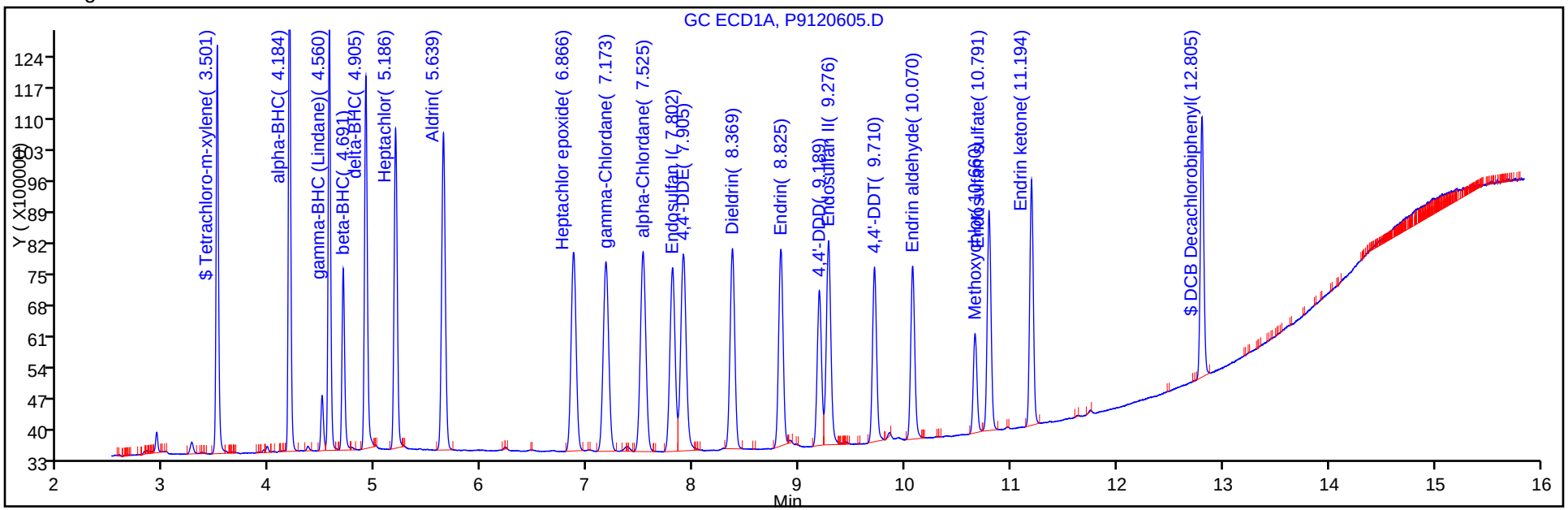
Report Date: 07-Dec-2012 10:25:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

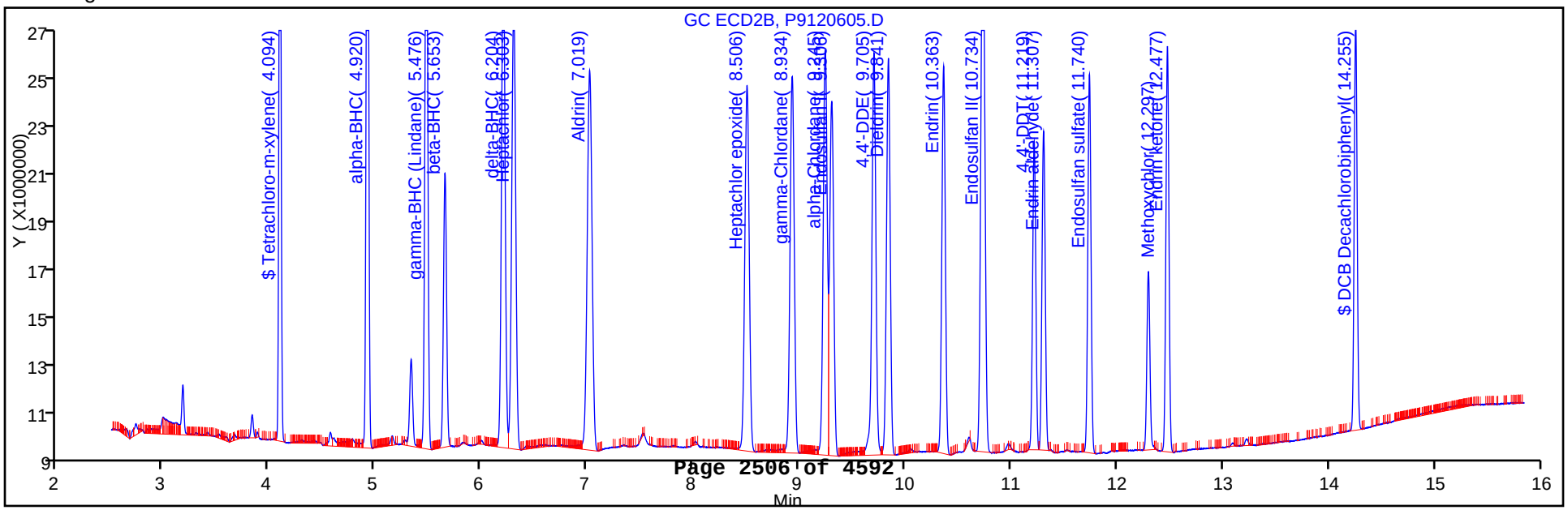
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 10:48:32 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

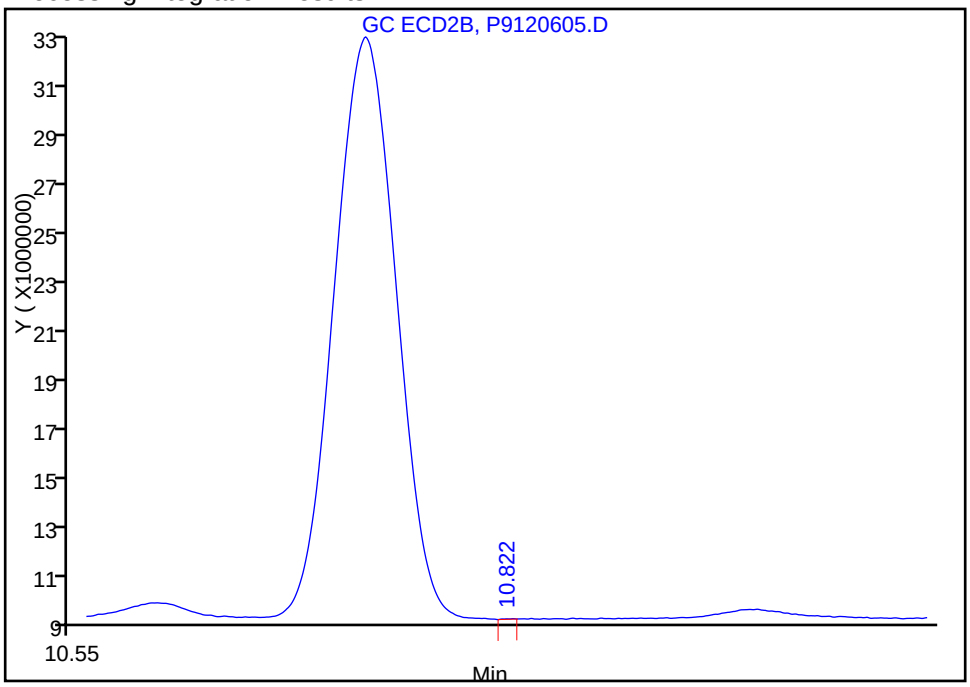
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D | | |
| Injection Date: | 06-Dec-2012 10:48:32 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

15 Endosulfan II, Signal: 2, Type: quant, RT: 10.73, Det: GC ecd2b

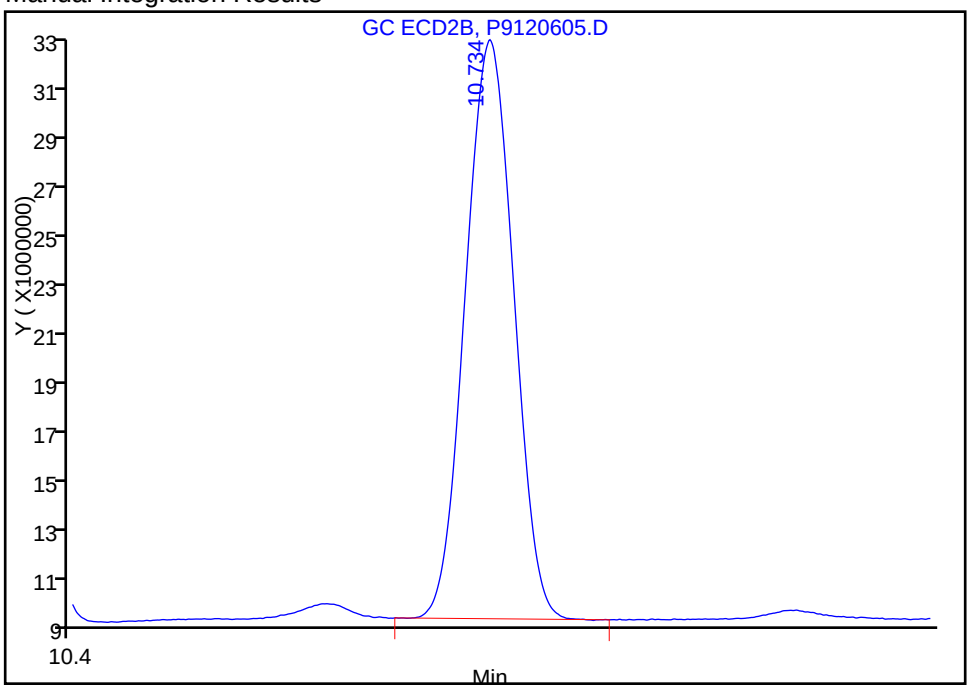
Processing Integration Results

RT: 10.82
Response: 9330
Amount: 0.005000




Manual Integration Results

RT: 10.73
Response: 60213459
Amount: 0.005503




Reviewer: vandorenc, 07-Dec-2012 07:08:58
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 06-Dec-2012 11:16:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67554 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:17 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:19:50

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 24613140 | 0.009496 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 70475093 | 0.009120 | | | |
| | | | | | | RPD = 4.05 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 29165782 | 0.008524 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 85874340 | 0.007952 | | | |
| | | | | | | RPD = 6.95 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 24502614 | 0.008409 | | | |
| 2 | 100 | 5.476 | 5.477 | -0.001 | 73244274 | 0.008162 | | | |
| | | | | | | RPD = 2.99 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 11183017 | 0.008945 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 34077269 | 0.009033 | | | |
| | | | | | | RPD = 0.98 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 25366069 | 0.008285 | | | |
| 2 | 100 | 6.203 | 6.204 | -0.001 | 75355327 | 0.007993 | | | |
| | | | | | | RPD = 3.58 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.187 | -0.001 | 23308038 | 0.008779 | | | |
| 2 | 100 | 6.302 | 6.303 | -0.001 | 70907569 | 0.008911 | | | |
| | | | | | | RPD = 1.50 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 28594582 | 0.008964 | | | |
| 2 | 100 | 7.019 | 7.021 | -0.002 | 79062736 | 0.008933 | | | |
| | | | | | | RPD = 0.35 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.867 | 6.868 | -0.001 | 22787204 | 0.008829 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 64345850 | 0.008822 | | | |
| | | | | | | RPD = 0.08 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.173 | 7.174 | -0.001 | 24089944 | 0.008572 | | | |
| 2 | 100 | 8.931 | 8.933 | -0.002 | 64683143 | 0.008660 | | | |
| | | | | | | RPD = 1.02 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.525 | 7.526 | -0.001 | 25620033 | 0.008790 | | | |
| 2 | 100 | 9.245 | 9.246 | -0.001 | 66736139 | 0.008827 | | | |
| | | | | | | RPD = 0.42 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.802 | 7.803 | -0.001 | 21691780 | 0.008926 | | | |
| 2 | 100 | 9.305 | 9.307 | -0.002 | 55586925 | 0.008975 | | | |
| | | | | | | RPD = 0.54 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.906 | -0.002 | 26903528 | 0.009014 | | | |
| 2 | 100 | 9.704 | 9.706 | -0.002 | 65969120 | 0.008796 | | | |
| | | | | | | RPD = 2.44 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.367 | 8.367 | 0.000 | 21739995 | 0.008704 | | | |
| 2 | 100 | 9.841 | 9.842 | -0.001 | 58807201 | 0.008638 | | | |
| | | | | | | RPD = 0.76 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.827 | -0.002 | 20343520 | 0.008977 | | | |
| 2 | 100 | 10.364 | 10.363 | 0.001 | 54602723 | 0.008631 | | | |
| | | | | | | RPD = 3.94 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 15497061 | 0.008438 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 92262574 | 0.008551 | | | |
| | | | | | | RPD = 1.33 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.276 | 9.276 | 0.000 | 21064138 | 0.008926 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 92262574 | 0.008432 | | | |
| | | | | | | RPD = 5.68 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.711 | -0.002 | 16848678 | 0.008447 | | | |
| 2 | 100 | 11.219 | 11.221 | -0.002 | 40894939 | 0.008297 | | | |
| | | | | | | RPD = 1.80 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.071 | 0.000 | 16055576 | 0.008921 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 42363447 | 0.008953 | | | |
| | | | | | | RPD = 0.36 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.661 | -0.002 | 8455119 | 0.009040 | | | |
| 2 | 100 | 12.299 | 12.297 | 0.002 | 22616291 | 0.009088 | | | |
| | | | | | | RPD = 0.53 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.794 | 10.794 | 0.000 | 19121564 | 0.008810 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 48559323 | 0.008575 | | | |
| | | | | | | RPD = 2.70 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.194 | 0.000 | 20038478 | 0.008929 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 50093393 | 0.008684 | | | |
| | | | | | | RPD = 2.78 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 21299423 | 0.008915 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 50286460 | 0.008766 | | | |
| | | | | | | RPD = 1.69 | | | |

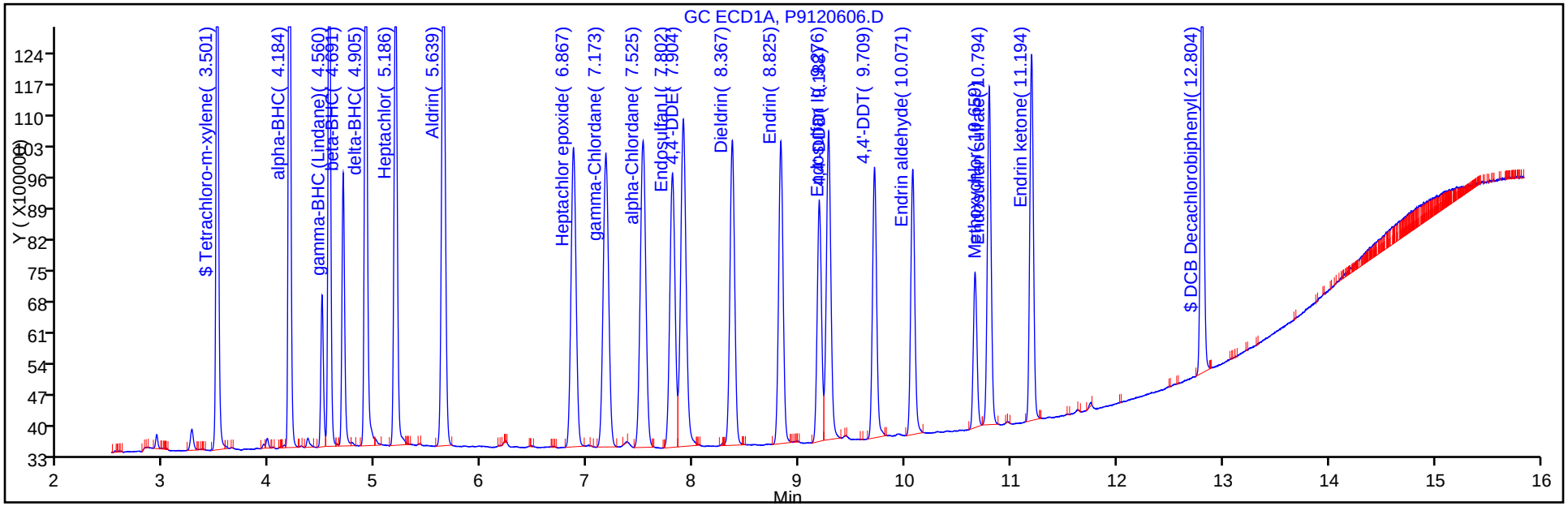
Report Date: 07-Dec-2012 10:25:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

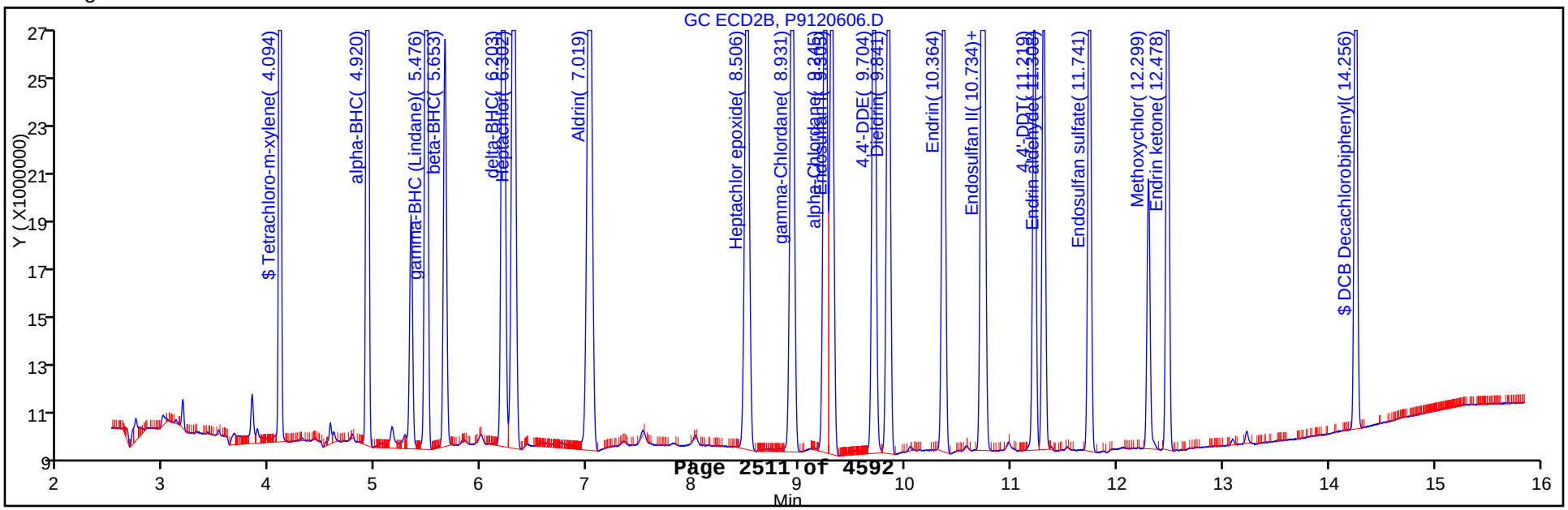
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 11:16:36 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 6 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 06-Dec-2012 11:44:51 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015581-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 67554 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:19 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:04

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 63932676 | 0.0247 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 185444155 | 0.0240 | | | |
| | | | | | | RPD = 2.75 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.185 | 4.185 | 0.000 | 84130711 | 0.0246 | | | |
| 2 | 100 | 4.921 | 4.921 | 0.000 | 250061160 | 0.0232 | | | |
| | | | | | | RPD = 6.01 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 70861589 | 0.0243 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 207838612 | 0.0232 | | | |
| | | | | | | RPD = 4.89 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 30335429 | 0.0243 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 90412982 | 0.0240 | | | |
| | | | | | | RPD = 1.23 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 75746911 | 0.0247 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 219625560 | 0.0233 | | | |
| | | | | | | RPD = 6.01 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.187 | 5.187 | 0.000 | 64477984 | 0.0243 | | | |
| 2 | 100 | 6.303 | 6.303 | 0.000 | 186430499 | 0.0234 | | | |
| | | | | | | RPD = 3.59 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 79346718 | 0.0249 | | | |
| 2 | 100 | 7.021 | 7.021 | 0.000 | 211654953 | 0.0239 | | | |
| | | | | | | RPD = 3.94 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.868 | 6.868 | 0.000 | 63591053 | 0.0246 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 174185100 | 0.0239 | | | |
| | | | | | | RPD = 3.12 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.174 | 7.174 | 0.000 | 68459336 | 0.0244 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 177297141 | 0.0237 | | | |
| | | | | | | RPD = 2.59 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.526 | 7.526 | 0.000 | 71440427 | 0.0245 | | | |
| 2 | 100 | 9.246 | 9.246 | 0.000 | 180554580 | 0.0239 | | | |
| | | | | | | RPD = 2.60 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.803 | 7.803 | 0.000 | 59652874 | 0.0245 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 148002566 | 0.0239 | | | |
| | | | | | | RPD = 2.69 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.906 | 7.906 | 0.000 | 73603854 | 0.0247 | | | |
| 2 | 100 | 9.706 | 9.706 | 0.000 | 179746847 | 0.0240 | | | |
| | | | | | | RPD = 2.85 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.367 | 8.367 | 0.000 | 61995207 | 0.0248 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 162706012 | 0.0239 | | | |
| | | | | | | RPD = 3.78 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.827 | 8.827 | 0.000 | 54130681 | 0.0239 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 150909002 | 0.0239 | | | |
| | | | | | | RPD = 0.14 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 44778806 | 0.0244 | | | |
| 2 | 100 | 10.735 | 10.735 | 0.000 | 260095462 | 0.0241 | | | |
| | | | | | | RPD = 1.14 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.276 | 9.276 | 0.000 | 59048092 | 0.0250 | | | |
| 2 | 100 | 10.735 | 10.735 | 0.000 | 260095462 | 0.0238 | | | |
| | | | | | | RPD = 5.12 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.711 | 9.711 | 0.000 | 48537766 | 0.0243 | | | |
| 2 | 100 | 11.221 | 11.221 | 0.000 | 116045447 | 0.0235 | | | |
| | | | | | | RPD = 3.31 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.071 | 0.000 | 44486485 | 0.0247 | | | |
| 2 | 100 | 11.309 | 11.309 | 0.000 | 114759530 | 0.0243 | | | |
| | | | | | | RPD = 1.90 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 23626549 | 0.0253 | | | |
| 2 | 100 | 12.297 | 12.297 | 0.000 | 61155478 | 0.0246 | | | |
| | | | | | | RPD = 2.76 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.794 | 10.794 | 0.000 | 54190109 | 0.0250 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 134229880 | 0.0237 | | | |
| | | | | | | RPD = 5.19 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.194 | 0.000 | 55602516 | 0.0248 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 138377790 | 0.0240 | | | |
| | | | | | | RPD = 3.23 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.803 | 12.803 | 0.000 | 60286789 | 0.0252 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 137380160 | 0.0239 | | | |
| | | | | | | RPD = 5.23 | | | |

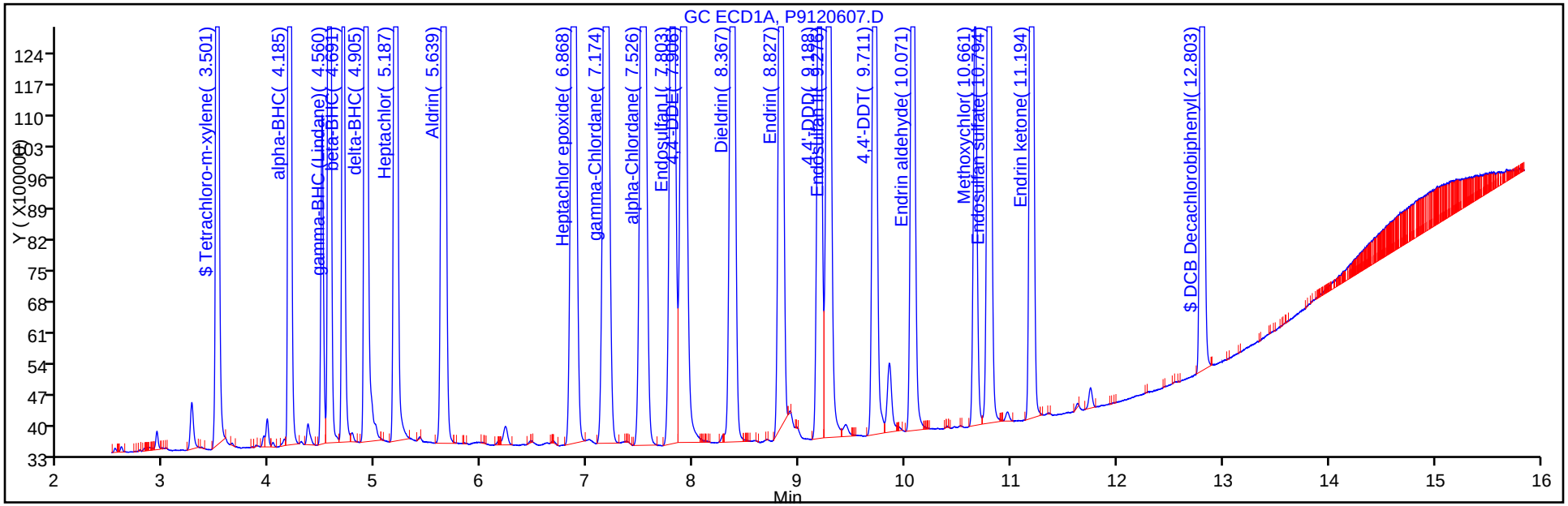
Report Date: 07-Dec-2012 10:25:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

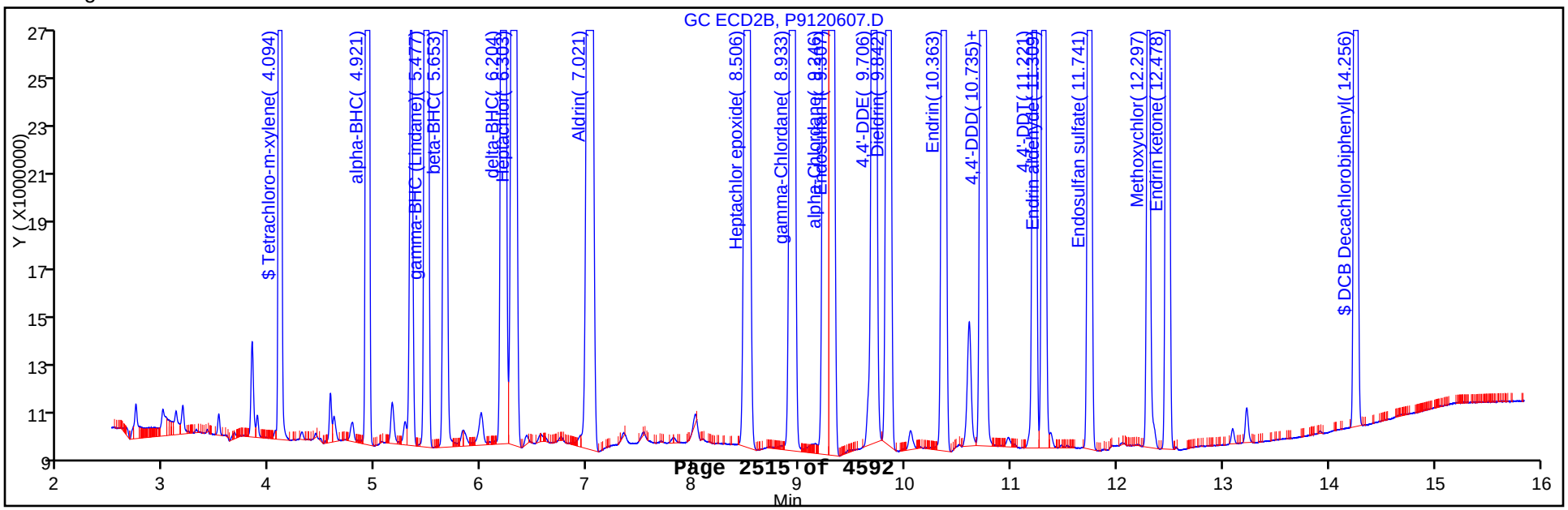
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 11:44:51 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 7 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 06-Dec-2012 12:12:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67554 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:22 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:52

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.502 | 3.501 | 0.001 | 131802756 | 0.0509 | | | |
| 2 | 100 | 4.093 | 4.094 | -0.001 | 387464841 | 0.0501 | | | |
| | | | | | | RPD = 1.41 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 177851517 | 0.0520 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 552155267 | 0.0511 | | | |
| | | | | | | RPD = 1.66 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.561 | 4.560 | 0.001 | 152657329 | 0.0524 | | | |
| 2 | 100 | 5.476 | 5.477 | -0.001 | 462340943 | 0.0515 | | | |
| | | | | | | RPD = 1.68 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.692 | 4.691 | 0.001 | 63075721 | 0.0505 | | | |
| 2 | 100 | 5.652 | 5.653 | -0.001 | 186094681 | 0.0493 | | | |
| | | | | | | RPD = 2.25 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 162006748 | 0.0529 | | | |
| 2 | 100 | 6.203 | 6.204 | -0.001 | 484762669 | 0.0514 | | | |
| | | | | | | RPD = 2.86 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.188 | 5.187 | 0.001 | 138955262 | 0.0523 | | | |
| 2 | 100 | 6.302 | 6.303 | -0.001 | 399191472 | 0.0502 | | | |
| | | | | | | RPD = 4.23 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.638 | 5.639 | -0.001 | 162793986 | 0.0510 | | | |
| 2 | 100 | 7.019 | 7.021 | -0.002 | 438753317 | 0.0496 | | | |
| | | | | | | RPD = 2.91 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.867 | 6.868 | -0.001 | 132925527 | 0.0515 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 366485047 | 0.0502 | | | |
| | | | | | | RPD = 2.47 | | | |
| 21 gamma-Chlordane | | | | | | | | | M |
| 1 | 100 | 7.173 | 7.174 | -0.001 | 144974129 | 0.0516 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 372619183 | 0.0499 | | | M |
| | | | | | | RPD = 3.35 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.525 | 7.526 | -0.001 | 148322118 | 0.0509 | | | |
| 2 | 100 | 9.245 | 9.246 | -0.001 | 373127716 | 0.0494 | | | |
| | | | | | | RPD = 3.07 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.801 | 7.803 | -0.002 | 124814651 | 0.0514 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 310192672 | 0.0501 | | | |
| | | | | | | RPD = 2.52 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.907 | 7.906 | 0.001 | 152200633 | 0.0510 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 368047018 | 0.0491 | | | |
| | | | | | | RPD = 3.84 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.368 | 8.367 | 0.001 | 129848031 | 0.0520 | | | |
| 2 | 100 | 9.841 | 9.842 | -0.001 | 345916217 | 0.0508 | | | |
| | | | | | | RPD = 2.28 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.826 | 8.827 | -0.001 | 117753602 | 0.0520 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 322555035 | 0.0510 | | | |
| | | | | | | RPD = 1.90 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.190 | 9.188 | 0.002 | 96219526 | 0.0524 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 566789449 | 0.0525 | | | |
| | | | | | | RPD = 0.26 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.278 | 9.276 | 0.002 | 122208688 | 0.0518 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 566789449 | 0.0518 | | | |
| | | | | | | RPD = 0.04 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.711 | -0.001 | 103796522 | 0.0520 | | | |
| 2 | 100 | 11.219 | 11.221 | -0.002 | 254526637 | 0.0516 | | | |
| | | | | | | RPD = 0.78 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.071 | -0.001 | 93048531 | 0.0517 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 239958508 | 0.0507 | | | |
| | | | | | | RPD = 1.93 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 47810155 | 0.0511 | | | |
| 2 | 100 | 12.298 | 12.297 | 0.001 | 126055931 | 0.0507 | | | |
| | | | | | | RPD = 0.91 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.794 | 10.794 | 0.000 | 112794367 | 0.0520 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 286587649 | 0.0506 | | | |
| | | | | | | RPD = 2.65 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.194 | -0.001 | 115942992 | 0.0517 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 294457574 | 0.0510 | | | |
| | | | | | | RPD = 1.20 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.806 | 12.803 | 0.003 | 121142231 | 0.0507 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 281368183 | 0.0490 | | | |
| | | | | | | RPD = 3.32 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

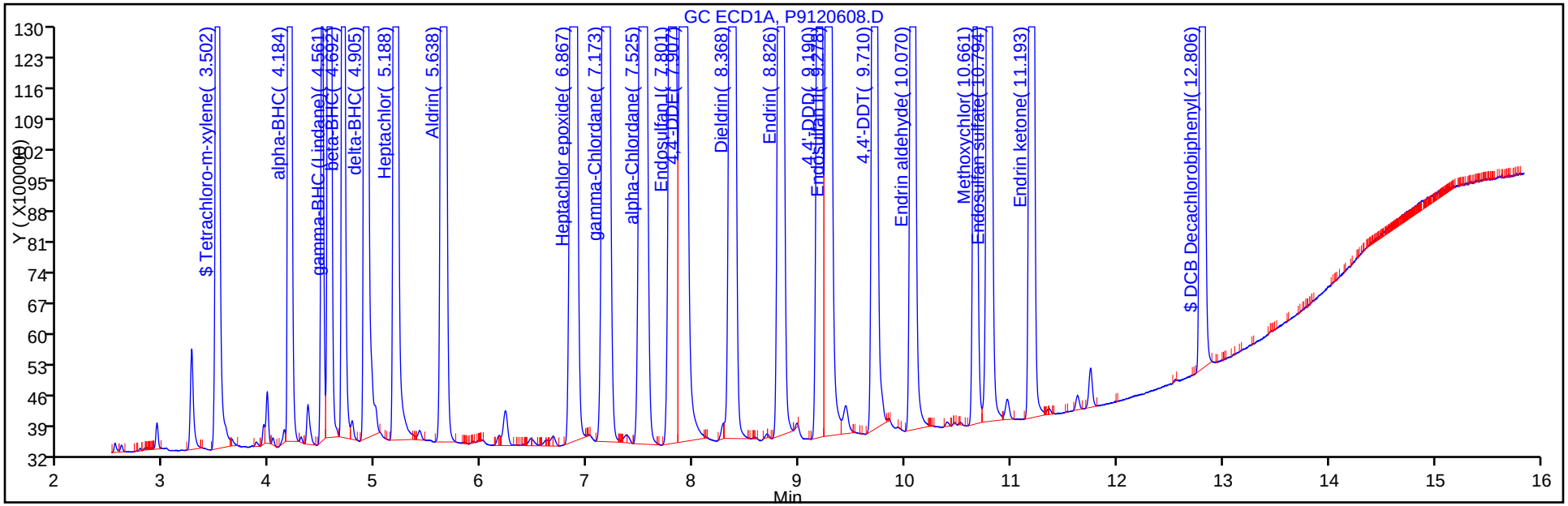
Report Date: 07-Dec-2012 10:25:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

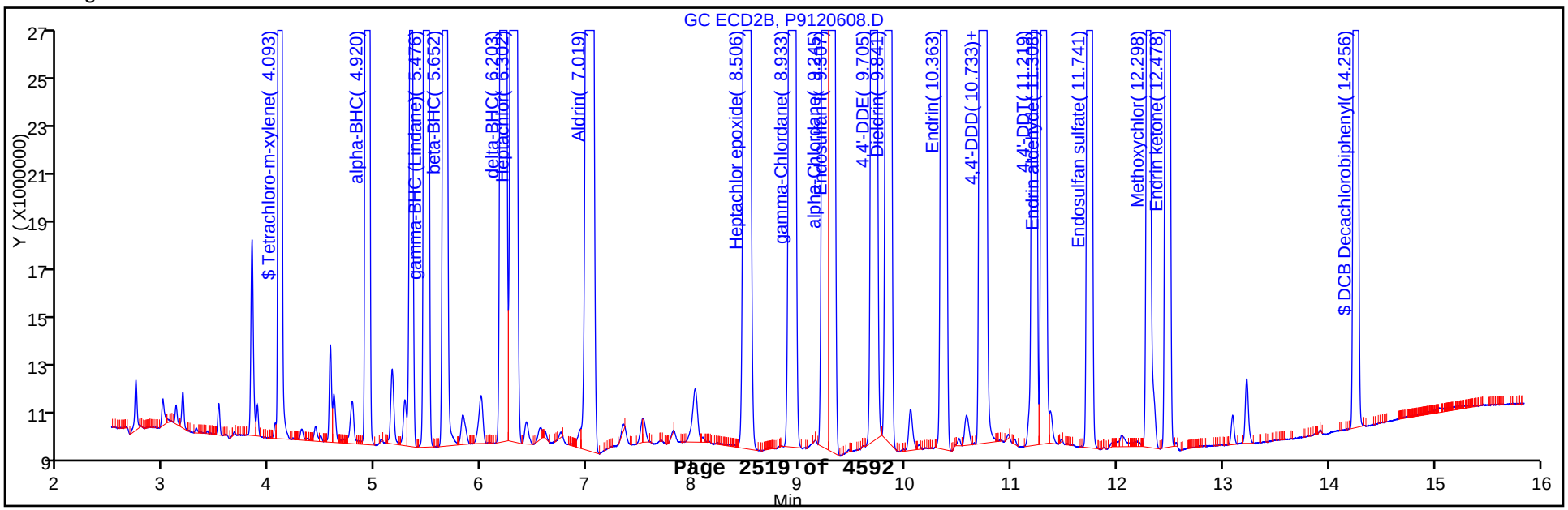
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 12:12:38 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

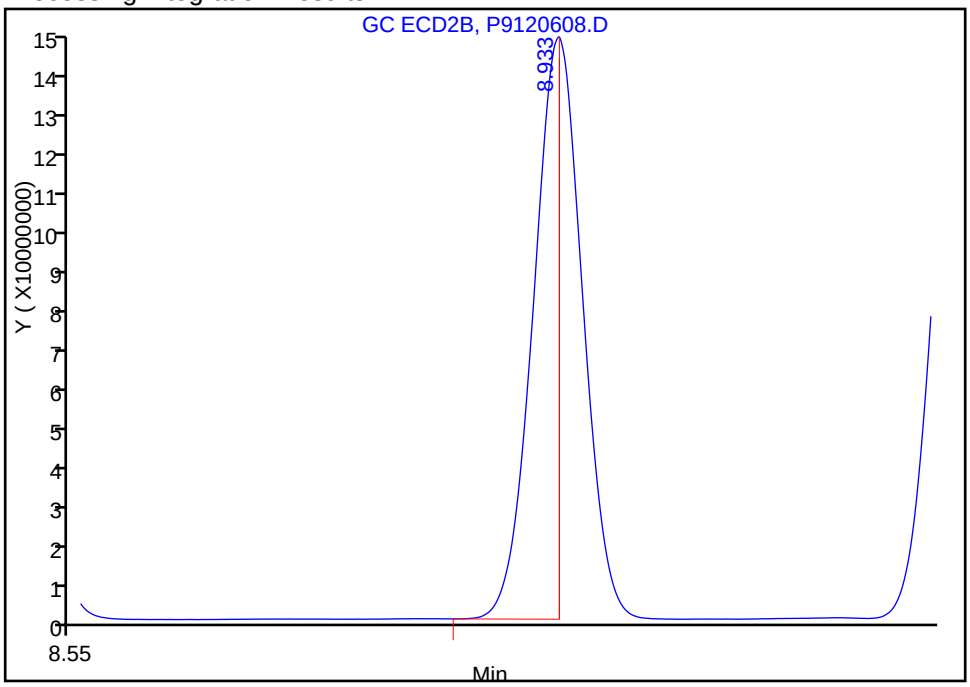
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D | | |
| Injection Date: | 06-Dec-2012 12:12:38 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

21 gamma-Chlordane, Signal: 2, Type: quant, RT: 8.93, Det: GC ecd2b

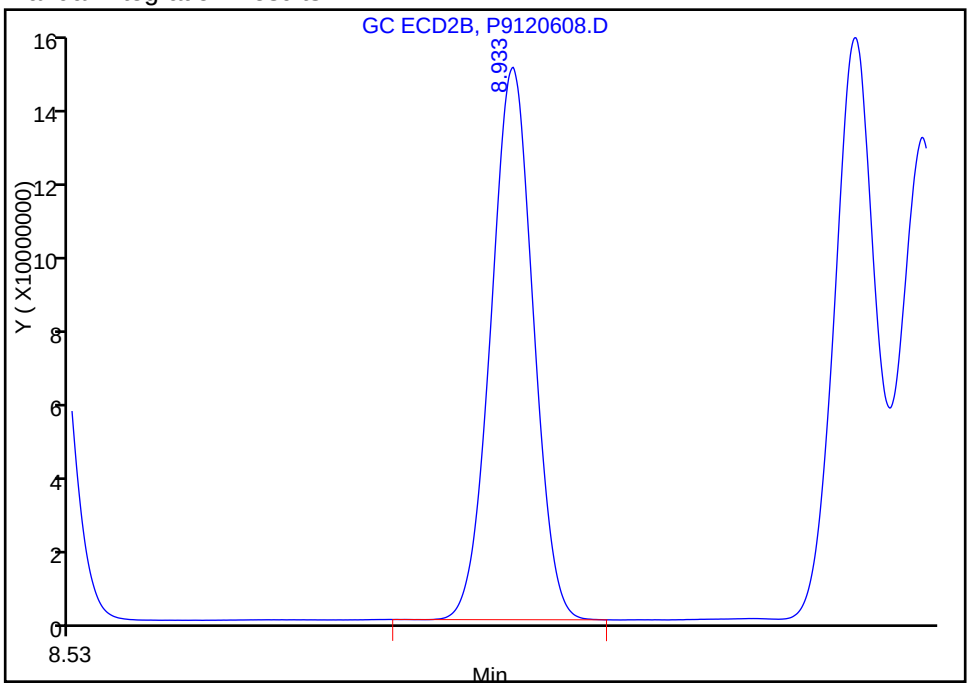
Processing Integration Results

RT: 8.93
Response: 193411327
Amount: 0.029796




Manual Integration Results

RT: 8.93
Response: 372619183
Amount: 0.049889




Reviewer: vandorenc, 07-Dec-2012 07:26:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 06-Dec-2012 12:40:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015581-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 67554 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:24 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:27:22

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.502 | 3.501 | 0.001 | 252469371 | 0.0974 | | | |
| 2 | 100 | 4.094 | 4.094 | 0.000 | 778482872 | 0.1007 | | | |
| | | | | | | RPD = 3.36 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 363761372 | 0.1063 | | | |
| 2 | 100 | 4.921 | 4.921 | 0.000 | 1203951082 | 0.1115 | | | |
| | | | | | | RPD = 4.74 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 307724468 | 0.1056 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 972381650 | 0.1084 | | | |
| | | | | | | RPD = 2.56 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.692 | 4.691 | 0.001 | 125572040 | 0.1004 | | | |
| 2 | 100 | 5.654 | 5.653 | 0.001 | 374548030 | 0.0993 | | | |
| | | | | | | RPD = 1.16 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.906 | 4.905 | 0.001 | 322735244 | 0.1054 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 1030583118 | 0.1093 | | | |
| | | | | | | RPD = 3.64 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.187 | 5.187 | 0.000 | 274470120 | 0.1034 | | | |
| 2 | 100 | 6.303 | 6.303 | 0.000 | 809943910 | 0.1018 | | | |
| | | | | | | RPD = 1.55 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.638 | 5.639 | -0.001 | 323822078 | 0.1015 | | | |
| 2 | 100 | 7.022 | 7.021 | 0.001 | 908787749 | 0.1027 | | | |
| | | | | | | RPD = 1.14 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.868 | 6.868 | 0.000 | 260252929 | 0.1008 | | | |
| 2 | 100 | 8.507 | 8.506 | 0.001 | 738205385 | 0.1012 | | | |
| | | | | | | RPD = 0.37 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.172 | 7.174 | -0.002 | 290862719 | 0.1035 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 766533947 | 0.1026 | | | |
| | | | | | | RPD = 0.84 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.524 | 7.526 | -0.002 | 296877313 | 0.1019 | | | |
| 2 | 100 | 9.247 | 9.246 | 0.001 | 761707887 | 0.1007 | | | |
| | | | | | | RPD = 1.10 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.803 | 7.803 | 0.000 | 241906743 | 0.0995 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 616612363 | 0.0996 | | | |
| | | | | | | RPD = 0.01 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.905 | 7.906 | -0.001 | 303667144 | 0.1017 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 765391531 | 0.1021 | | | |
| | | | | | | RPD = 0.31 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.368 | 8.367 | 0.001 | 253687553 | 0.1016 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 699363556 | 0.1027 | | | |
| | | | | | | RPD = 1.14 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.827 | 8.827 | 0.000 | 230054439 | 0.1015 | | | |
| 2 | 100 | 10.364 | 10.363 | 0.001 | 654466776 | 0.1034 | | | |
| | | | | | | RPD = 1.88 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.190 | 9.188 | 0.002 | 191419201 | 0.1042 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 1153197812 | 0.1069 | | | |
| | | | | | | RPD = 2.51 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.277 | 9.276 | 0.001 | 229772862 | 0.0974 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 1153197812 | 0.1054 | | | |
| | | | | | | RPD = 7.93 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.711 | 9.711 | 0.000 | 213059684 | 0.1068 | | | |
| 2 | 100 | 11.221 | 11.221 | 0.000 | 528782263 | 0.1073 | | | |
| | | | | | | RPD = 0.43 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.071 | -0.001 | 180838964 | 0.1005 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 476312177 | 0.1007 | | | |
| | | | | | | RPD = 0.18 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 92759875 | 0.0992 | | | |
| 2 | 100 | 12.298 | 12.297 | 0.001 | 246543586 | 0.0991 | | | |
| | | | | | | RPD = 0.11 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.795 | 10.794 | 0.001 | 218386146 | 0.1006 | | | |
| 2 | 100 | 11.742 | 11.741 | 0.001 | 587148869 | 0.1037 | | | |
| | | | | | | RPD = 3.00 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.195 | 11.194 | 0.001 | 223931316 | 0.0998 | | | |
| 2 | 100 | 12.479 | 12.478 | 0.001 | 595555244 | 0.1032 | | | |
| | | | | | | RPD = 3.41 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 240678545 | 0.1007 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 583335794 | 0.1017 | | | |
| | | | | | | RPD = 0.94 | | | |

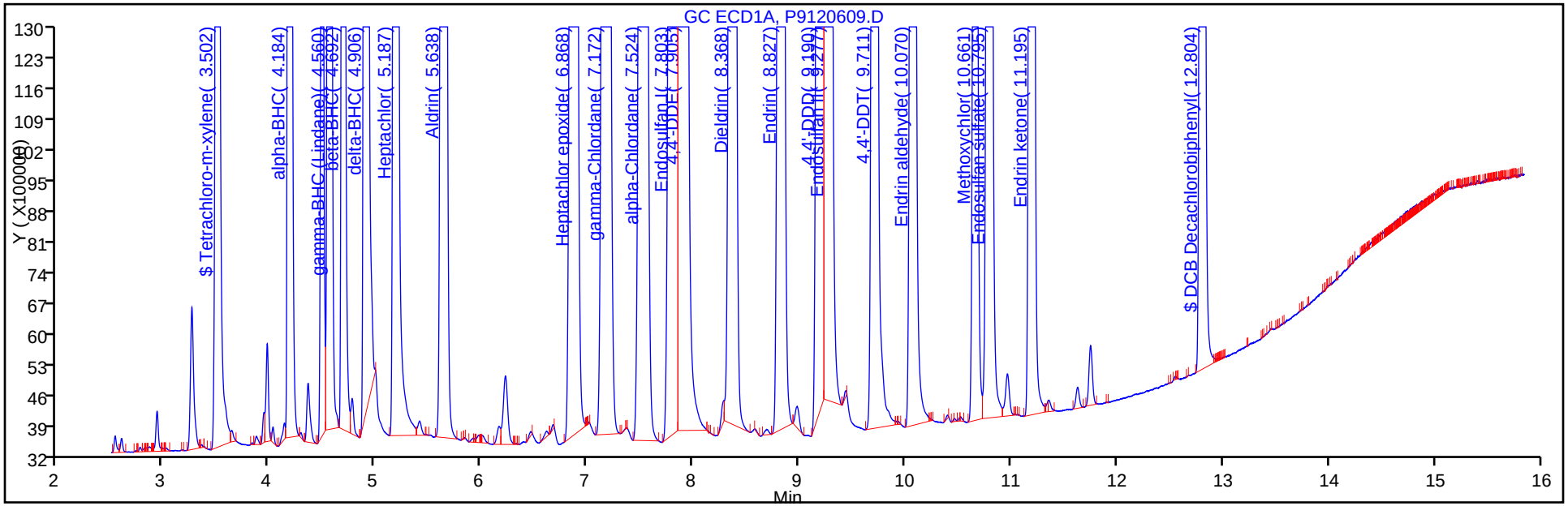
Report Date: 07-Dec-2012 10:25:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

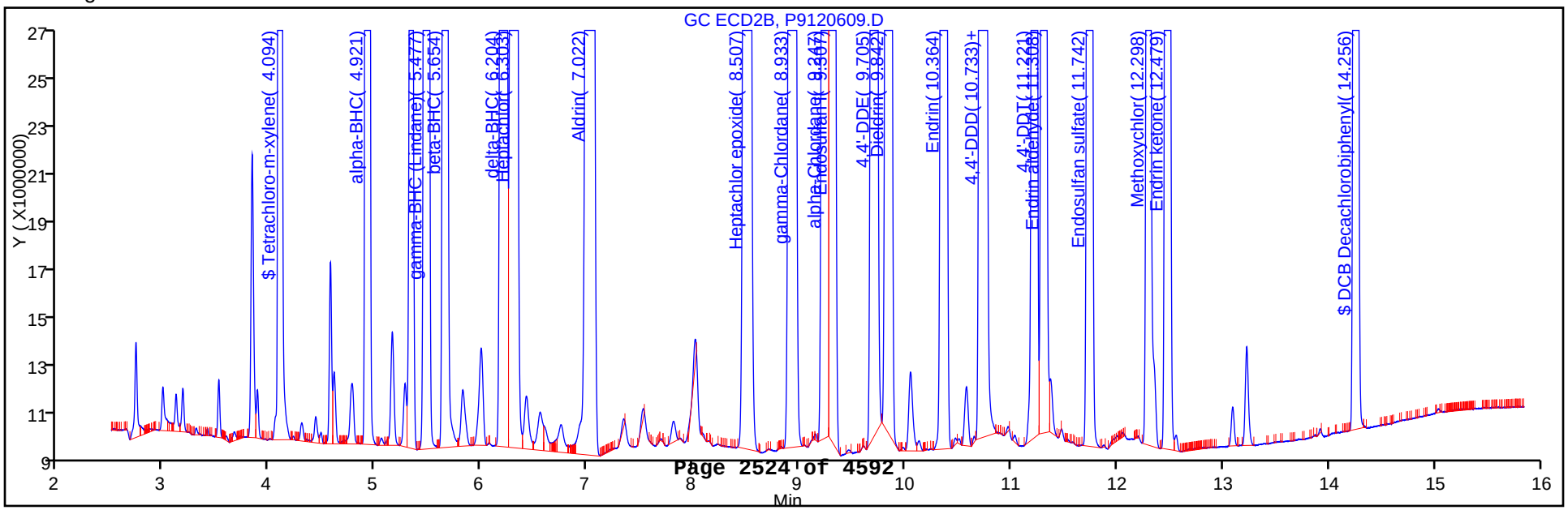
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 12:40:38 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 9 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 06-Dec-2012 13:08:23 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015581-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67554 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:27:52

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.503 | 3.501 | 0.002 | 487978020 | 0.1883 | | | |
| 2 | 100 | 4.096 | 4.094 | 0.002 | 1598464028 | 0.2068 | | | |
| | | | | | | RPD = 9.40 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.185 | 4.185 | 0.000 | 693119959 | 0.2026 | | | |
| 2 | 100 | 4.923 | 4.921 | 0.002 | 2487778002 | 0.2304 | | | |
| | | | | | | RPD = 12.83 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.561 | 4.560 | 0.001 | 575212619 | 0.1974 | | | |
| 2 | 100 | 5.478 | 5.477 | 0.001 | 1914250880 | 0.2133 | | | |
| | | | | | | RPD = 7.74 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.693 | 4.691 | 0.002 | 235116077 | 0.1881 | | | |
| 2 | 100 | 5.654 | 5.653 | 0.001 | 718065091 | 0.1903 | | | |
| | | | | | | RPD = 1.21 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.906 | 4.905 | 0.001 | 628688615 | 0.2053 | | | |
| 2 | 100 | 6.207 | 6.204 | 0.003 | 2087692496 | 0.2214 | | | |
| | | | | | | RPD = 7.55 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.188 | 5.187 | 0.001 | 497458208 | 0.1874 | | | |
| 2 | 100 | 6.304 | 6.303 | 0.001 | 1517604652 | 0.1907 | | | |
| | | | | | | RPD = 1.78 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.639 | 5.639 | 0.000 | 620289032 | 0.1945 | | | |
| 2 | 100 | 7.022 | 7.021 | 0.001 | 1811910760 | 0.2047 | | | |
| | | | | | | RPD = 5.14 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.868 | 6.868 | 0.000 | 478612387 | 0.1854 | | | |
| 2 | 100 | 8.508 | 8.506 | 0.002 | 1409684486 | 0.1933 | | | |
| | | | | | | RPD = 4.13 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.174 | 7.174 | 0.000 | 555416772 | 0.1976 | | | |
| 2 | 100 | 8.934 | 8.933 | 0.001 | 1519945472 | 0.2035 | | | |
| | | | | | | RPD = 2.93 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.524 | 7.526 | -0.002 | 568033832 | 0.1949 | | | |
| 2 | 100 | 9.246 | 9.246 | 0.000 | 1524053700 | 0.2016 | | | |
| | | | | | | RPD = 3.37 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.803 | 7.803 | 0.000 | 445494948 | 0.1833 | | | |
| 2 | 100 | 9.307 | 9.307 | 0.000 | 1160872124 | 0.1874 | | | |
| | | | | | | RPD = 2.22 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.906 | -0.002 | 582369937 | 0.1951 | | | |
| 2 | 100 | 9.706 | 9.706 | 0.000 | 1535411103 | 0.2047 | | | |
| | | | | | | RPD = 4.81 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.368 | 8.367 | 0.001 | 474180379 | 0.1898 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 1338874831 | 0.1967 | | | |
| | | | | | | RPD = 3.53 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.827 | -0.002 | 423108430 | 0.1867 | | | |
| 2 | 100 | 10.363 | 10.363 | 0.000 | 1241583414 | 0.1962 | | | |
| | | | | | | RPD = 4.98 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.189 | 9.188 | 0.001 | 368798575 | 0.2008 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 2221481176 | 0.2059 | | | |
| | | | | | | RPD = 2.50 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.277 | 9.276 | 0.001 | 430393451 | 0.1824 | | | |
| 2 | 100 | 10.733 | 10.735 | -0.002 | 2221481176 | 0.2030 | | | |
| | | | | | | RPD = 10.72 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.712 | 9.711 | 0.001 | 398854603 | 0.2000 | | | |
| 2 | 100 | 11.221 | 11.221 | 0.000 | 1050500547 | 0.2131 | | | |
| | | | | | | RPD = 6.37 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.072 | 10.071 | 0.001 | 328331785 | 0.1824 | | | |
| 2 | 100 | 11.307 | 11.309 | -0.002 | 895699396 | 0.1893 | | | |
| | | | | | | RPD = 3.69 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.661 | 0.000 | 166416890 | 0.1779 | | | |
| 2 | 100 | 12.297 | 12.297 | 0.000 | 468220707 | 0.1881 | | | |
| | | | | | | RPD = 5.58 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.795 | 10.794 | 0.001 | 399881410 | 0.1842 | | | |
| 2 | 100 | 11.741 | 11.741 | 0.000 | 1152872286 | 0.2036 | | | |
| | | | | | | RPD = 9.98 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.194 | -0.001 | 407988296 | 0.1818 | | | |
| 2 | 100 | 12.479 | 12.478 | 0.001 | 1130366463 | 0.1960 | | | |
| | | | | | | RPD = 7.50 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.805 | 12.803 | 0.002 | 460241659 | 0.1926 | | | |
| 2 | 100 | 14.256 | 14.256 | 0.000 | 1193888763 | 0.2081 | | | |
| | | | | | | RPD = 7.72 | | | |

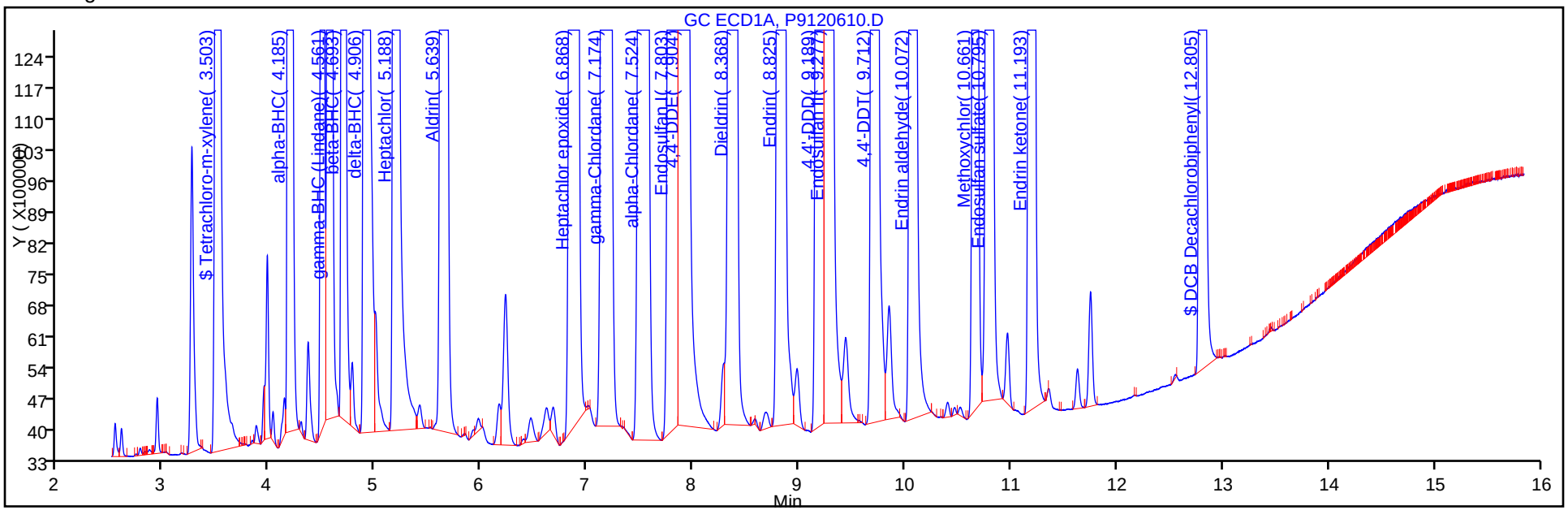
Report Date: 07-Dec-2012 10:25:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

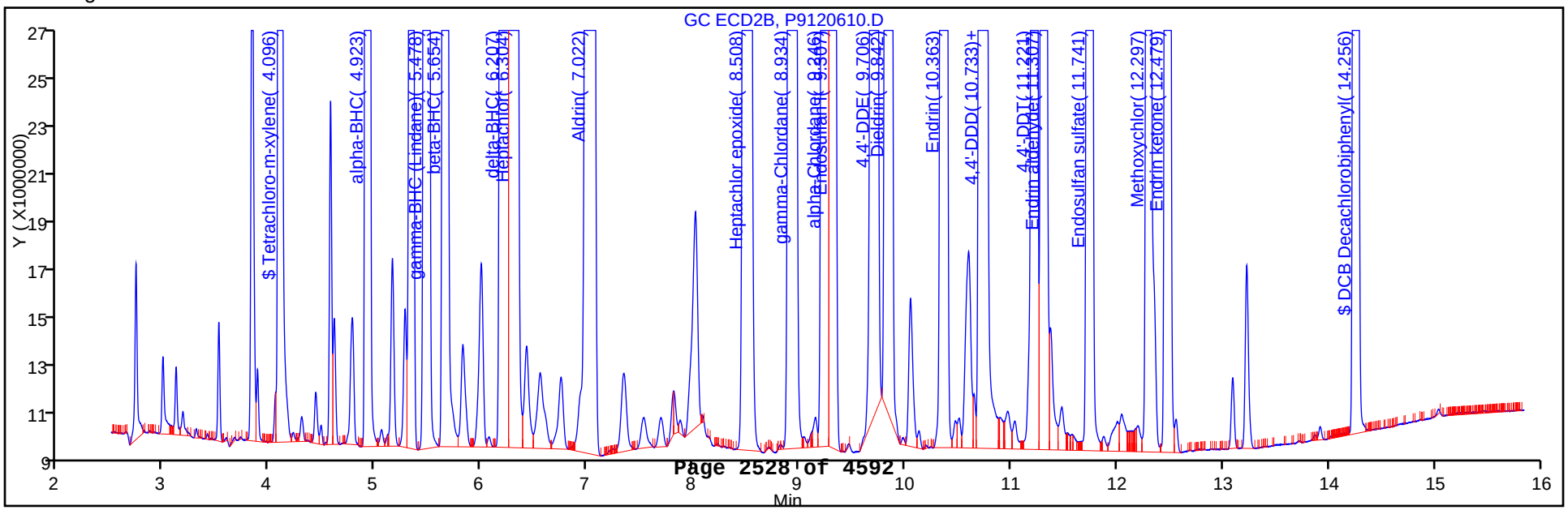
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:08:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 10 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12712

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/12 | P9120612.D |
| Level 2 | STD 240-67554/13 | P9120613.D |
| Level 3 | STD 240-67554/14 | P9120614.D |
| Level 4 | STD 240-67554/15 | P9120615.D |
| Level 5 | STD 240-67554/16 | P9120616.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | 9.505 | 9.506 | 9.508 | 9.508 | 9.507 | | | | | | 9.478 - 9.538 | 9.507 |
| Toxaphene Peak 2 | 9.952 | 9.952 | 9.951 | 9.956 | 9.954 | | | | | | 9.921 - 9.981 | 9.953 |
| Toxaphene Peak 3 | 10.019 | 10.021 | 10.021 | 10.020 | 10.021 | | | | | | 9.991 - 10.051 | 10.020 |
| Toxaphene Peak 4 | 10.604 | 10.603 | 10.605 | 10.604 | 10.603 | | | | | | 10.575 - 10.635 | 10.604 |
| Toxaphene Peak 5 | 11.168 | 11.169 | 11.170 | 11.170 | 11.170 | | | | | | 11.140 - 11.200 | 11.169 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12712

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/12 | P9120612.D |
| Level 2 | STD 240-67554/13 | P9120613.D |
| Level 3 | STD 240-67554/14 | P9120614.D |
| Level 4 | STD 240-67554/15 | P9120615.D |
| Level 5 | STD 240-67554/16 | P9120616.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 71391445 64152866 | 76548370 | 62258278 | 70612991 | Ave | | 68992789.9 | | | | 8.4 | | 20.0 | | | |
| Toxaphene Peak 2 | 92110295 80018780 | 88244200 | 78150246 | 88824662 | Ave | | 85469636.5 | | | | 7.1 | | 20.0 | | | |
| Toxaphene Peak 3 | 77020950 71076954 | 74981218 | 68653392 | 77095048 | Ave | | 73765512.4 | | | | 5.1 | | 20.0 | | | |
| Toxaphene Peak 4 | 105166900 93304506 | 106895652 | 85217063 | 103134712 | Ave | | 98743766.5 | | | | 9.3 | | 20.0 | | | |
| Toxaphene Peak 5 | 65495270 63137898 | 70525146 | 52584471 | 66386458 | Ave | | 63625848.6 | | | | 11.0 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12712

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/12 | P9120612.D |
| Level 2 | STD 240-67554/13 | P9120613.D |
| Level 3 | STD 240-67554/14 | P9120614.D |
| Level 4 | STD 240-67554/15 | P9120615.D |
| Level 5 | STD 240-67554/16 | P9120616.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | Ave | 14278289 | 38274185 | 62258278 | 141225982 | 320764328 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 2 | Ave | 18422059 | 44122100 | 78150246 | 177649323 | 400093900 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 3 | Ave | 15404190 | 37490609 | 68653392 | 154190096 | 355384770 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 4 | Ave | 21033380 | 53447826 | 85217063 | 206269423 | 466522531 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 5 | Ave | 13099054 | 35262573 | 52584471 | 132772916 | 315689490 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D
Lims ID: STD TOX 1 Client ID:
Inject. Date: 06-Dec-2012 13:58:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 67554 Lims Sample ID: 12
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:30 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:38:30

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.505 | 9.508 | -0.003 | 14278289 | 0.2070 | | 100.0 | M |
| 1 | 2 | 9.952 | 9.951 | 0.001 | 18422059 | 0.2155 | 105.5- 145.5 | 129.0 | M |
| 1 | 3 | 10.019 | 10.021 | -0.002 | 15404190 | 0.2088 | 90.3- 130.3 | 107.9 | M |
| 1 | 4 | 10.604 | 10.605 | -0.001 | 21033380 | 0.2130 | 116.9- 156.9 | 147.3 | M |
| 1 | 5 | 11.168 | 11.170 | -0.002 | 13099054 | 0.2059 | 64.5- 104.5 | 91.7 | M |
| | | | Average of Peak Amounts = | | | 0.2100 | | | |
| 2 | 100 | 10.897 | 10.898 | -0.001 | 58494491 | 0.2203 | | 100.0 | M |
| 2 | 2 | 11.446 | 11.448 | -0.002 | 36218341 | 0.2182 | 43.7- 83.7 | 61.9 | M |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 37476403 | 0.2185 | 45.7- 85.7 | 64.1 | M |
| 2 | 4 | 12.076 | 12.077 | -0.001 | 54834322 | 0.2135 | 80.2- 120.2 | 93.7 | M |
| 2 | 5 | 12.462 | 12.464 | -0.002 | 25821970 | 0.2112 | 28.1- 68.1 | 44.1 | M |
| | | | Average of Peak Amounts = | | | 0.2164 | | | |
| | | | | | | RPD = 2.96 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

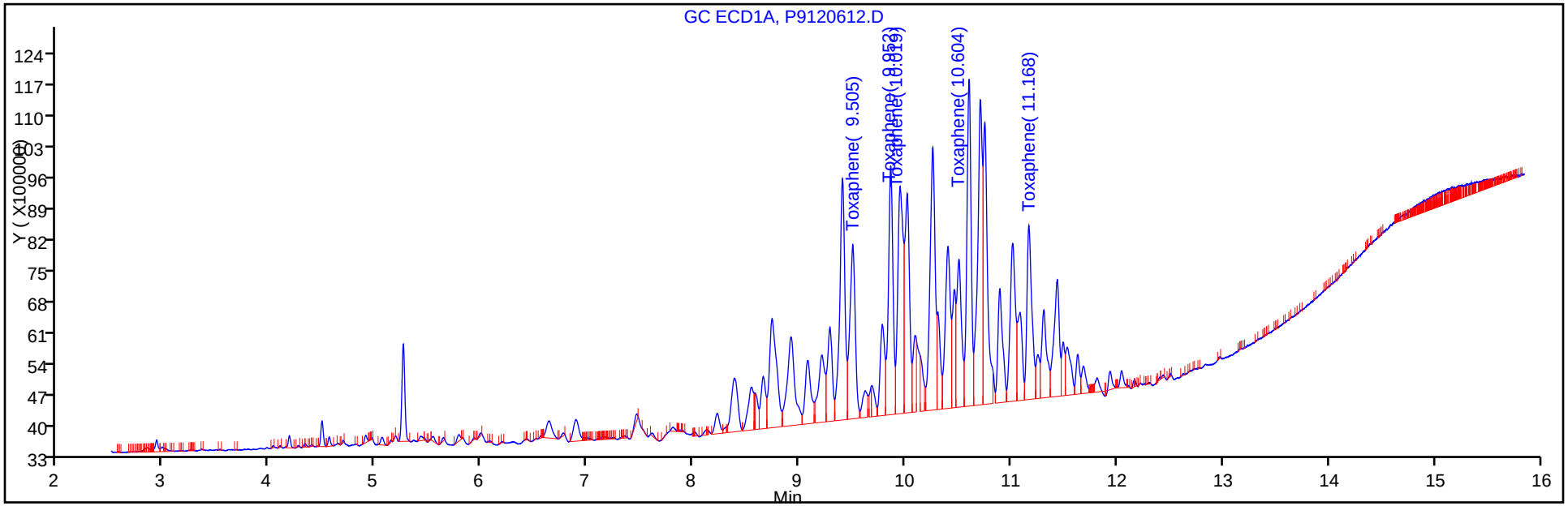
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

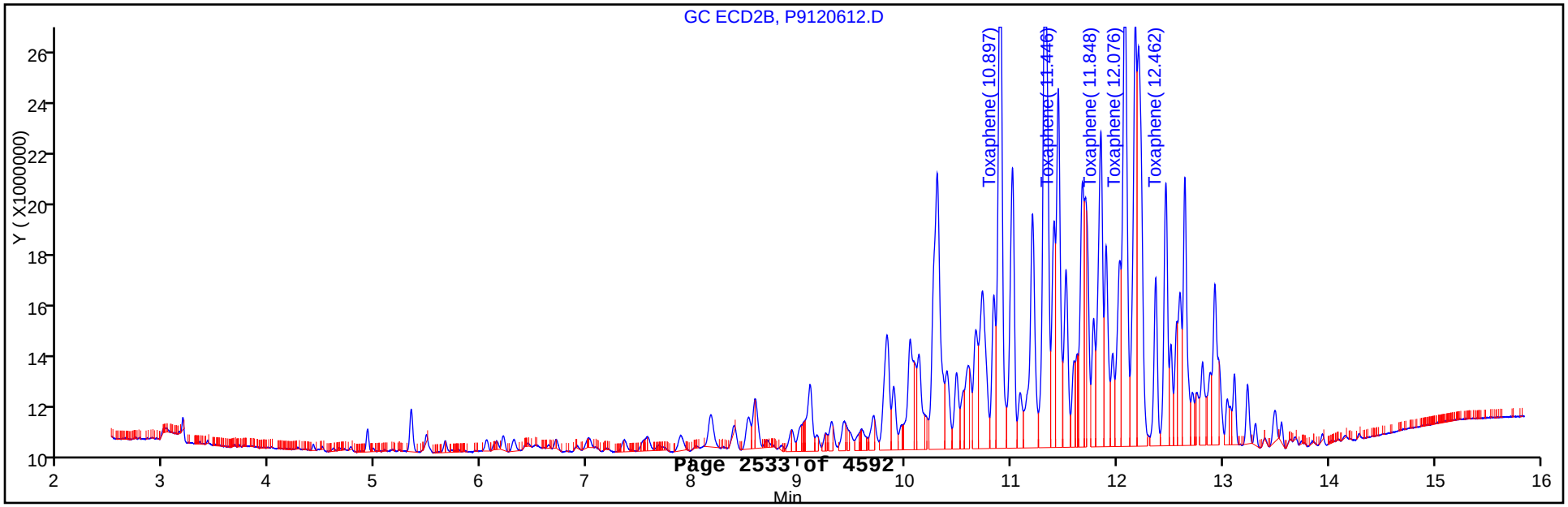
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:58:34 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 12 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



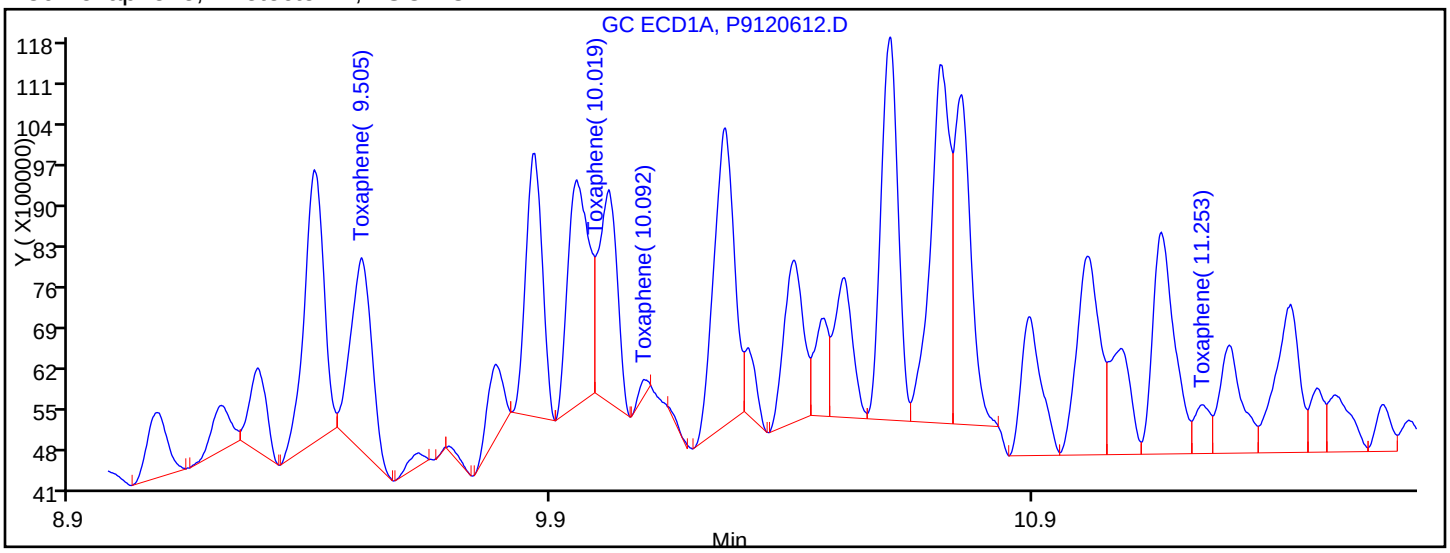
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

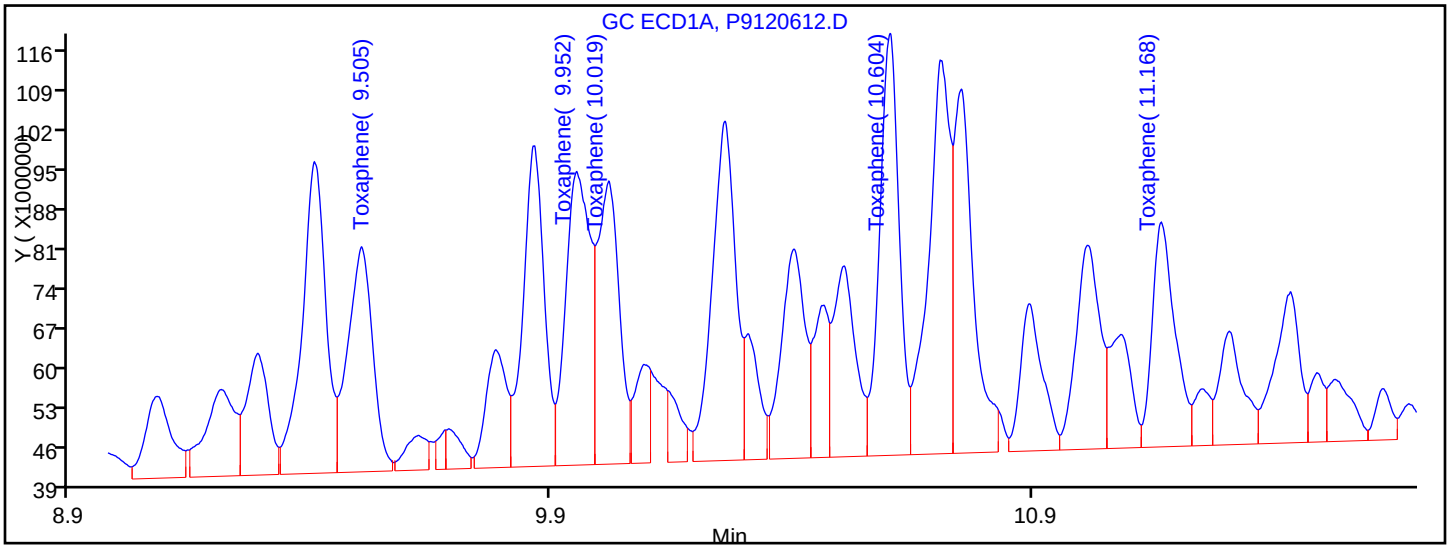
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|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:58:34 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 12 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 1, GC ECD1A




Processing Integration Results

| | | |
|---|---|---|
| RT = 9.505 | Response = 9989553 | M |
| RT = 10.019 | Response = 9580955 | M |
| RT = 10.092 | Response = 377422 | M |
| RT = 0.000 | Response = 0 | M |
| RT = 11.253 | Response = 1887183 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 9.505 | Response = 14278289 | M |
| RT = 9.952 | Response = 18422059 | M |
| RT = 10.019 | Response = 15404190 | M |
| RT = 10.604 | Response = 21033380 | M |
| RT = 11.168 | Response = 13099054 | M |

Reviewer: vandorenc, 07-Dec-2012 07:38:30

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120613.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 06-Dec-2012 14:24:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67554 Lims Sample ID: 13
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:33 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:41:12

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | 9.506 | 9.508 | -0.002 | 38274185 | 0.5548 | | 100.0 | M |
| 1 | 2 | 9.952 | 9.951 | 0.001 | 44122100 | 0.5162 | 105.5- 145.5 | 115.3 | M |
| 1 | 3 | 10.021 | 10.021 | 0.000 | 37490609 | 0.5082 | 90.3- 130.3 | 98.0 | M |
| 1 | 4 | 10.603 | 10.605 | -0.002 | 53447826 | 0.5413 | 116.9- 156.9 | 139.6 | M |
| 1 | 5 | 11.169 | 11.170 | -0.001 | 35262573 | 0.5542 | 64.5- 104.5 | 92.1 | M |
| | | | Average of Peak Amounts = | | | 0.5349 | | | |
| 2 | 100 | 10.899 | 10.898 | 0.001 | 123675963 | 0.4658 | | 100.0 | |
| 2 | 2 | 11.447 | 11.448 | -0.001 | 75183809 | 0.4530 | 43.7- 83.7 | 60.8 | A |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 72454678 | 0.4225 | 45.7- 85.7 | 58.6 | A |
| 2 | 4 | 12.076 | 12.077 | -0.001 | 108399435 | 0.4221 | 80.2- 120.2 | 87.6 | A |
| 2 | 5 | 12.464 | 12.464 | 0.000 | 44890815 | 0.3672 | 28.1- 68.1 | 36.3 | A |
| | | | Average of Peak Amounts = | | | 0.4261 | | | |
| | | | | | | RPD = 22.65 | | | |

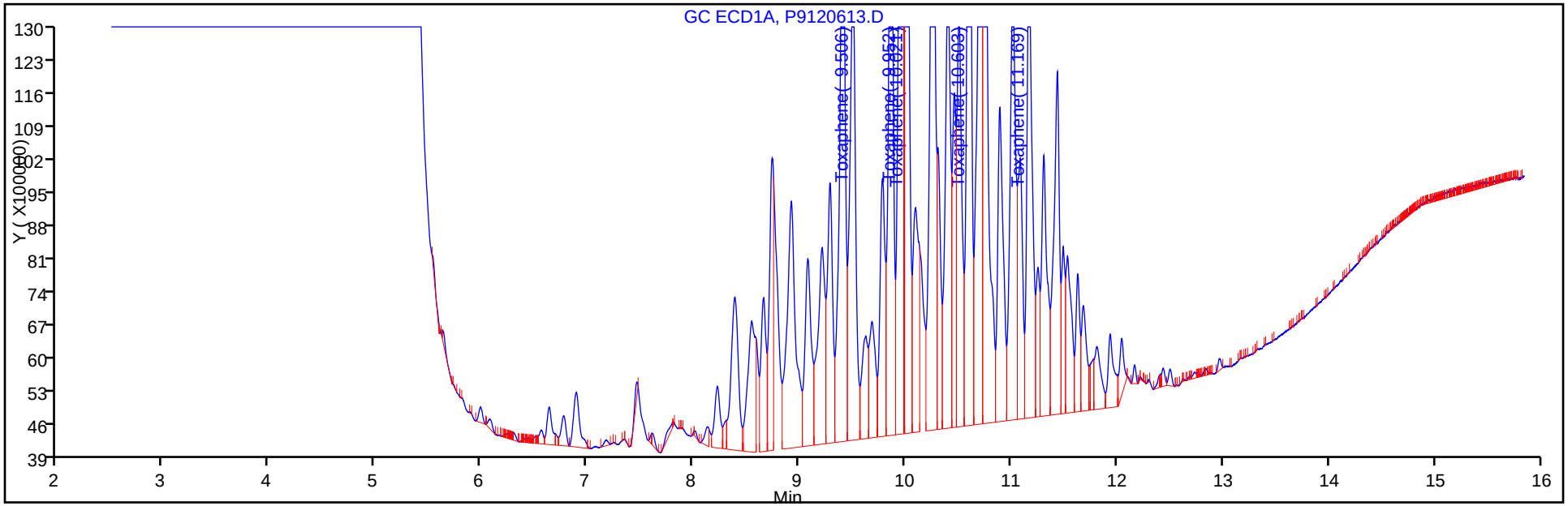
Report Date: 07-Dec-2012 10:25:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

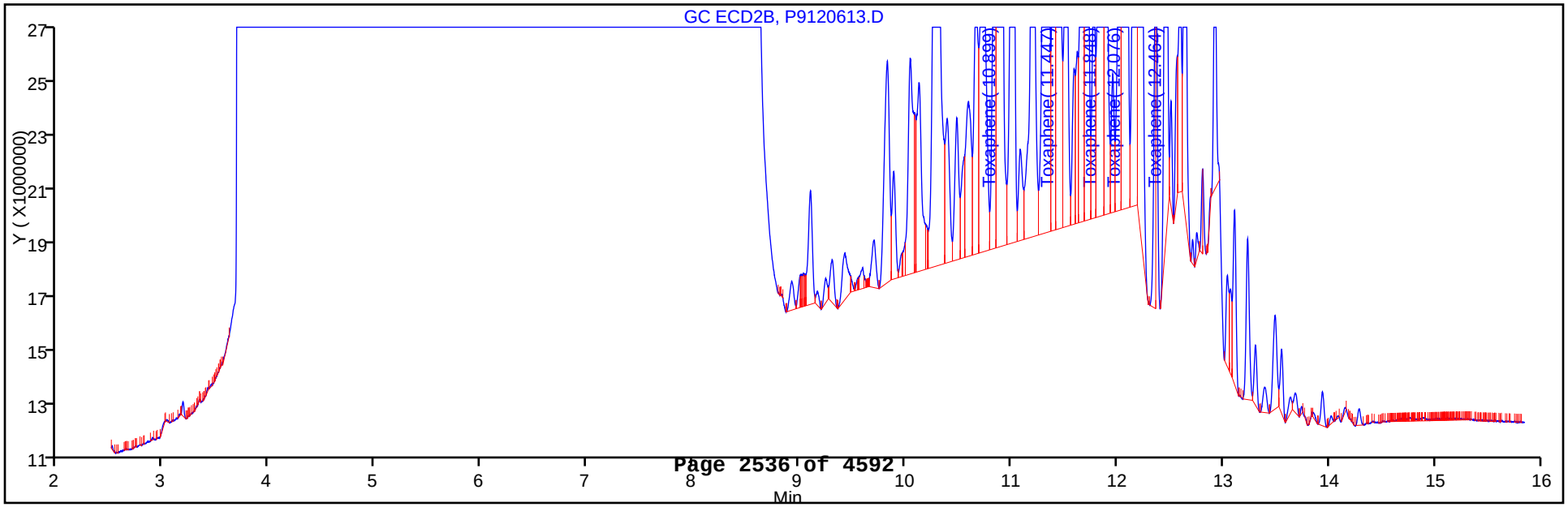
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120613.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 14:24:05 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 13 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 06-Dec-2012 14:52:12 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015581-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67554 Lims Sample ID: 14
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:35 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:45:50

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | 9.508 | 9.508 | 0.000 | 62258278 | 0.9024 | | 100.0 | M |
| 1 | 2 | 9.951 | 9.951 | 0.000 | 78150246 | 0.9144 | 105.5- 145.5 | 125.5 | M |
| 1 | 3 | 10.021 | 10.021 | 0.000 | 68653392 | 0.9307 | 90.3- 130.3 | 110.3 | M |
| 1 | 4 | 10.605 | 10.605 | 0.000 | 85217063 | 0.8630 | 116.9- 156.9 | 136.9 | A |
| 1 | 5 | 11.170 | 11.170 | 0.000 | 52584471 | 0.8265 | 64.5- 104.5 | 84.5 | A |
| | | | Average of Peak Amounts = | | | 0.8874 | | | |
| 2 | 100 | 10.898 | 10.898 | 0.000 | 269496535 | 1.02 | | 100.0 | |
| 2 | 2 | 11.448 | 11.448 | 0.000 | 171680539 | 1.03 | 43.7- 83.7 | 63.7 | A |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 176931653 | 1.03 | 45.7- 85.7 | 65.7 | A |
| 2 | 4 | 12.077 | 12.077 | 0.000 | 270000292 | 1.05 | 80.2- 120.2 | 100.2 | A |
| 2 | 5 | 12.464 | 12.464 | 0.000 | 129671979 | 1.06 | 28.1- 68.1 | 48.1 | A |
| | | | Average of Peak Amounts = | | | 1.04 | | | |
| | | | | | | RPD = 15.71 | | | |

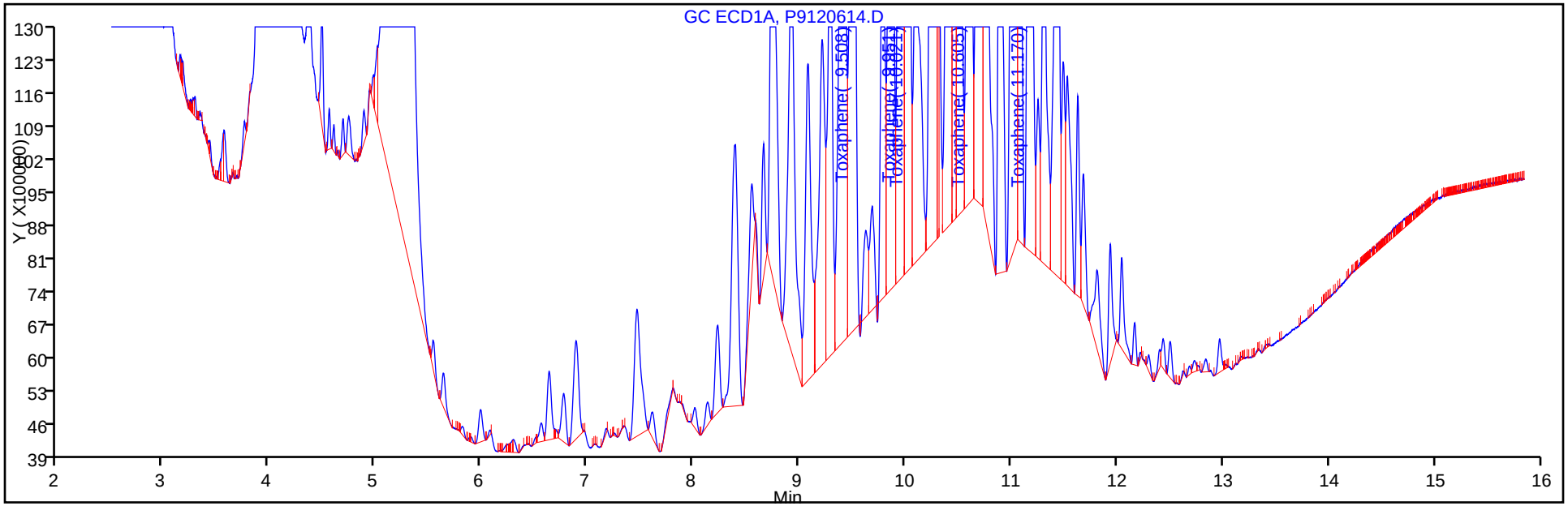
Report Date: 07-Dec-2012 10:25:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

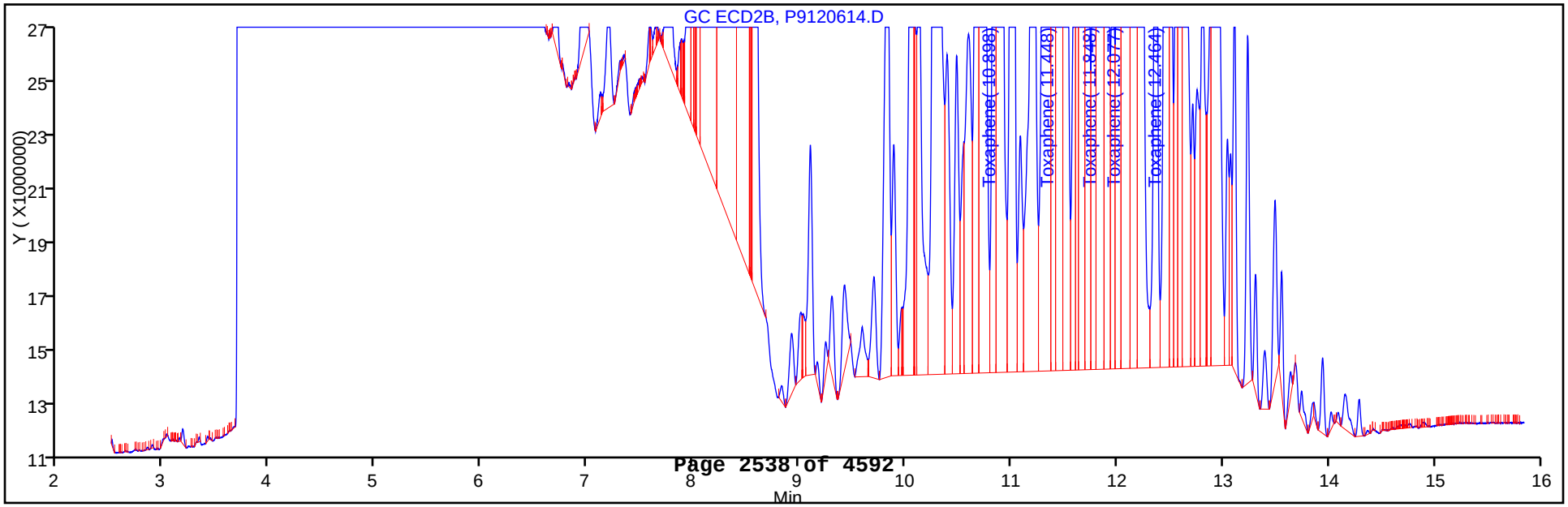
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 14:52:12 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 14 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D
Lims ID: STD TOX4 Client ID:
Inject. Date: 06-Dec-2012 15:20:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-015
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67554 Lims Sample ID: 15
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:37 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:46:32

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.508 | 9.508 | 0.000 | 141225982 | 2.05 | | 100.0 | |
| 1 | 2 | 9.956 | 9.951 | 0.005 | 177649323 | 2.08 | 105.5- 145.5 | 125.8 | |
| 1 | 3 | 10.020 | 10.021 | -0.001 | 154190096 | 2.09 | 90.3- 130.3 | 109.2 | |
| 1 | 4 | 10.604 | 10.605 | -0.001 | 206269423 | 2.09 | 116.9- 156.9 | 146.1 | |
| 1 | 5 | 11.170 | 11.170 | 0.000 | 132772916 | 2.09 | 64.5- 104.5 | 94.0 | |
| | | | Average of Peak Amounts = | | | 2.08 | | | |
| 2 | 100 | 10.898 | 10.898 | 0.000 | 551056414 | 2.08 | | 100.0 | M |
| 2 | 2 | 11.446 | 11.448 | -0.002 | 343302433 | 2.07 | 43.7- 83.7 | 62.3 | M |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 367855848 | 2.15 | 45.7- 85.7 | 66.8 | M |
| 2 | 4 | 12.077 | 12.077 | 0.000 | 547075527 | 2.13 | 80.2- 120.2 | 99.3 | M |
| 2 | 5 | 12.462 | 12.464 | -0.002 | 277675164 | 2.27 | 28.1- 68.1 | 50.4 | M |
| | | | Average of Peak Amounts = | | | 2.14 | | | |
| | | | | | | RPD = 2.84 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

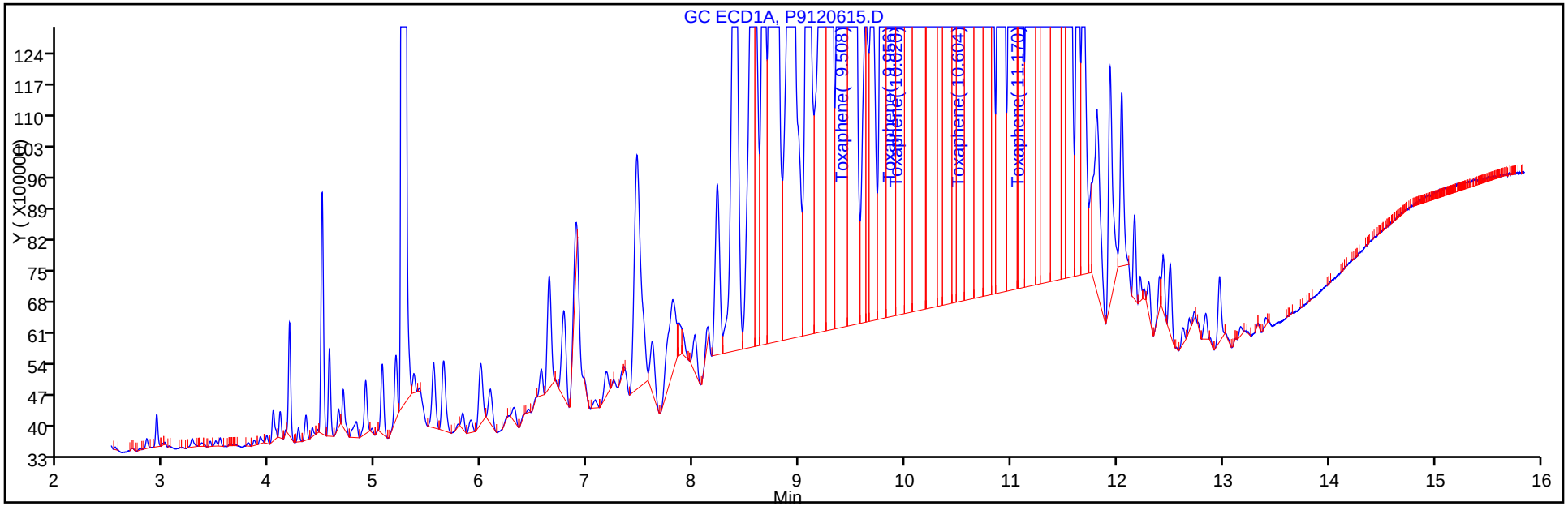
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TestAmerica Canton

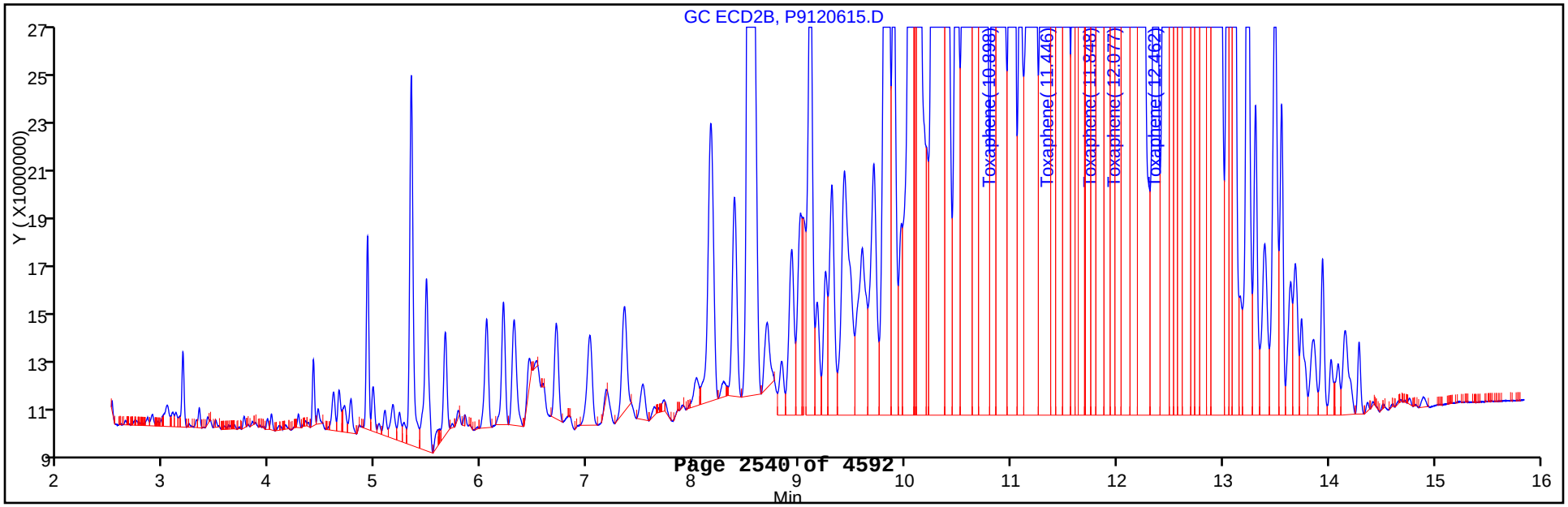
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 15:20:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 15 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D
Lims ID: STD TOX5 Client ID:
Inject. Date: 06-Dec-2012 15:48:28 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015581-016
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 67554 Lims Sample ID: 16
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:40 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:47:19

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | 9.507 | 9.508 | -0.001 | 320764328 | 4.65 | | 100.0 | |
| 1 | 2 | 9.954 | 9.951 | 0.003 | 400093900 | 4.68 | 105.5- 145.5 | 124.7 | |
| 1 | 3 | 10.021 | 10.021 | 0.000 | 355384770 | 4.82 | 90.3- 130.3 | 110.8 | |
| 1 | 4 | 10.603 | 10.605 | -0.002 | 466522531 | 4.72 | 116.9- 156.9 | 145.4 | |
| 1 | 5 | 11.170 | 11.170 | 0.000 | 315689490 | 4.96 | 64.5- 104.5 | 98.4 | |
| | | | Average of Peak Amounts = | | | 4.77 | | | |
| 2 | 100 | 10.899 | 10.898 | 0.001 | 1212888260 | 4.57 | | 100.0 | |
| 2 | 2 | 11.447 | 11.448 | -0.001 | 775615828 | 4.67 | 43.7- 83.7 | 63.9 | A |
| 2 | 3 | 11.849 | 11.848 | 0.001 | 821441819 | 4.79 | 45.7- 85.7 | 67.7 | |
| 2 | 4 | 12.075 | 12.077 | -0.002 | 1247357220 | 4.86 | 80.2- 120.2 | 102.8 | |
| 2 | 5 | 12.463 | 12.464 | -0.001 | 619488835 | 5.07 | 28.1- 68.1 | 51.1 | |
| | | | Average of Peak Amounts = | | | 4.79 | | | |
| | | | | | | RPD = 0.51 | | | |

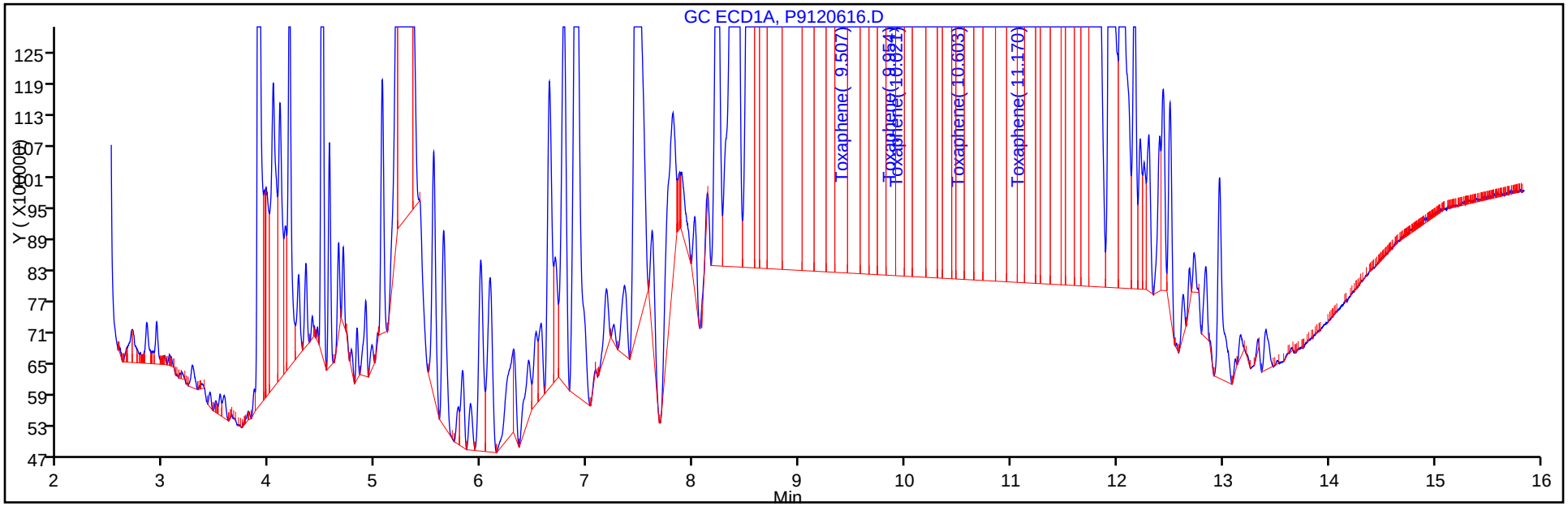
Report Date: 07-Dec-2012 10:25:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

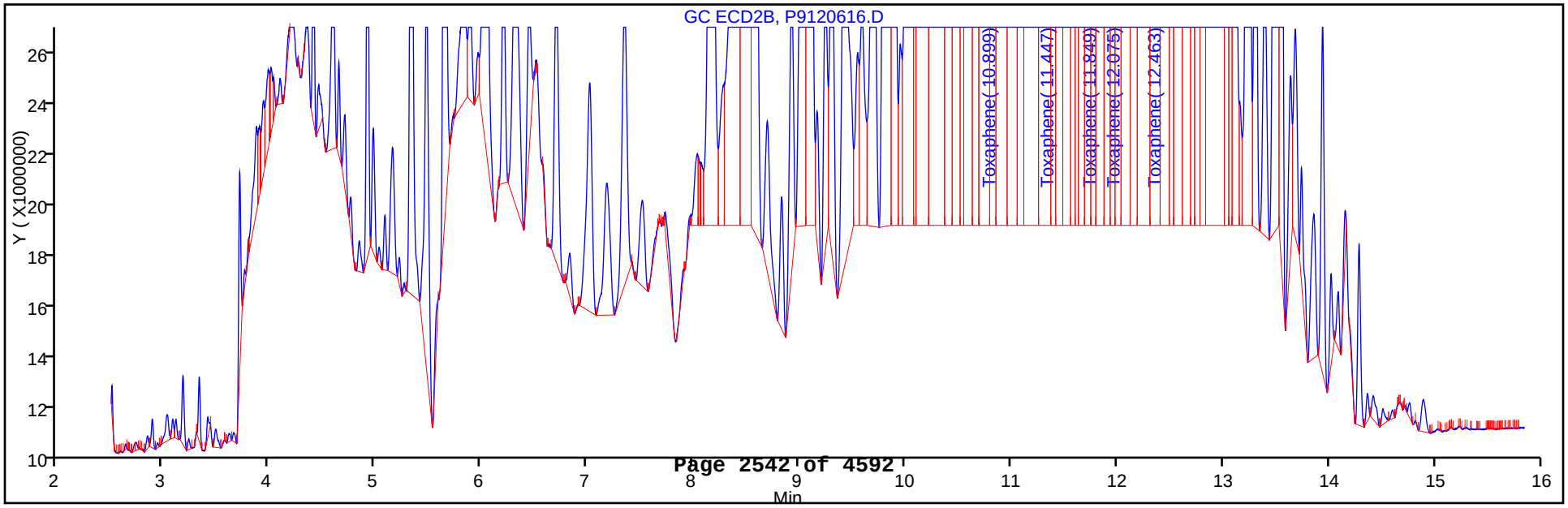
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 15:48:28 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 16 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12713

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/12 | P9120612.D |
| Level 2 | STD 240-67554/13 | P9120613.D |
| Level 3 | STD 240-67554/14 | P9120614.D |
| Level 4 | STD 240-67554/15 | P9120615.D |
| Level 5 | STD 240-67554/16 | P9120616.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | 10.897 | 10.899 | 10.898 | 10.898 | 10.899 | | | | | | 10.868 - 10.928 | 10.898 |
| Toxaphene Peak 2 | 11.446 | 11.447 | 11.448 | 11.446 | 11.447 | | | | | | 11.418 - 11.478 | 11.447 |
| Toxaphene Peak 3 | 11.848 | 11.848 | 11.848 | 11.848 | 11.849 | | | | | | 11.818 - 11.878 | 11.848 |
| Toxaphene Peak 4 | 12.076 | 12.076 | 12.077 | 12.077 | 12.075 | | | | | | 12.047 - 12.107 | 12.076 |
| Toxaphene Peak 5 | 12.462 | 12.464 | 12.464 | 12.462 | 12.463 | | | | | | 12.434 - 12.494 | 12.463 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12713

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/12 | P9120612.D |
| Level 2 | STD 240-67554/13 | P9120613.D |
| Level 3 | STD 240-67554/14 | P9120614.D |
| Level 4 | STD 240-67554/15 | P9120615.D |
| Level 5 | STD 240-67554/16 | P9120616.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 292472455<br>242577652 | 247351926 | 269496535 | 275528207 | Ave | | 265485355 | | | | 7.8 | | 20.0 | | | |
| Toxaphene Peak 2 | 181091705<br>155123166 | 150367618 | 171680539 | 171651217 | Ave | | 165982849 | | | | 7.7 | | 20.0 | | | |
| Toxaphene Peak 3 | 187382015<br>164288364 | 144909356 | 176931653 | 183927924 | Ave | | 171487862 | | | | 10.0 | | 20.0 | | | |
| Toxaphene Peak 4 | 274171610<br>249471444 | 216798870 | 270000292 | 273537764 | Ave | | 256795996 | | | | 9.6 | | 20.0 | | | |
| Toxaphene Peak 5 | 129109850<br>123897767 | 89781630 | 129671979 | 138837582 | Ave | | 122259762 | | | | 15.0 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12713

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-67554/12 | P9120612.D |
| Level 2 | STD 240-67554/13 | P9120613.D |
| Level 3 | STD 240-67554/14 | P9120614.D |
| Level 4 | STD 240-67554/15 | P9120615.D |
| Level 5 | STD 240-67554/16 | P9120616.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | Ave | 58494491 | 123675963 | 269496535 | 551056414 | 1212888260 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 2 | Ave | 36218341 | 75183809 | 171680539 | 343302433 | 775615828 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 3 | Ave | 37476403 | 72454678 | 176931653 | 367855848 | 821441819 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 4 | Ave | 54834322 | 108399435 | 270000292 | 547075527 | 1247357220 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |
| Toxaphene Peak 5 | Ave | 25821970 | 44890815 | 129671979 | 277675164 | 619488835 | 0.200 | 0.500 | 1.00 | 2.00 | 5.00 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D
Lims ID: STD TOX 1 Client ID:
Inject. Date: 06-Dec-2012 13:58:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 67554 Lims Sample ID: 12
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:30 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:38:30

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.505 | 9.508 | -0.003 | 14278289 | 0.2070 | | 100.0 | M |
| 1 | 2 | 9.952 | 9.951 | 0.001 | 18422059 | 0.2155 | 105.5- 145.5 | 129.0 | M |
| 1 | 3 | 10.019 | 10.021 | -0.002 | 15404190 | 0.2088 | 90.3- 130.3 | 107.9 | M |
| 1 | 4 | 10.604 | 10.605 | -0.001 | 21033380 | 0.2130 | 116.9- 156.9 | 147.3 | M |
| 1 | 5 | 11.168 | 11.170 | -0.002 | 13099054 | 0.2059 | 64.5- 104.5 | 91.7 | M |
| | | | Average of Peak Amounts = | | | 0.2100 | | | |
| 2 | 100 | 10.897 | 10.898 | -0.001 | 58494491 | 0.2203 | | 100.0 | M |
| 2 | 2 | 11.446 | 11.448 | -0.002 | 36218341 | 0.2182 | 43.7- 83.7 | 61.9 | M |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 37476403 | 0.2185 | 45.7- 85.7 | 64.1 | M |
| 2 | 4 | 12.076 | 12.077 | -0.001 | 54834322 | 0.2135 | 80.2- 120.2 | 93.7 | M |
| 2 | 5 | 12.462 | 12.464 | -0.002 | 25821970 | 0.2112 | 28.1- 68.1 | 44.1 | M |
| | | | Average of Peak Amounts = | | | 0.2164 | | | |
| | | | | | | RPD = 2.96 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

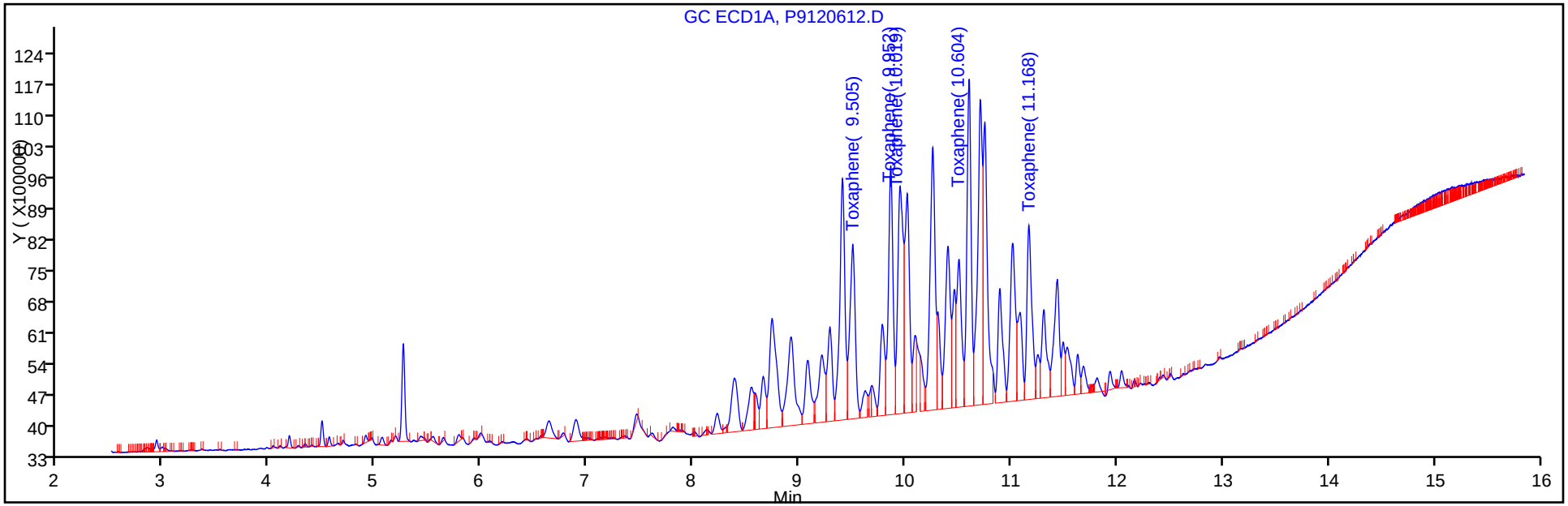
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

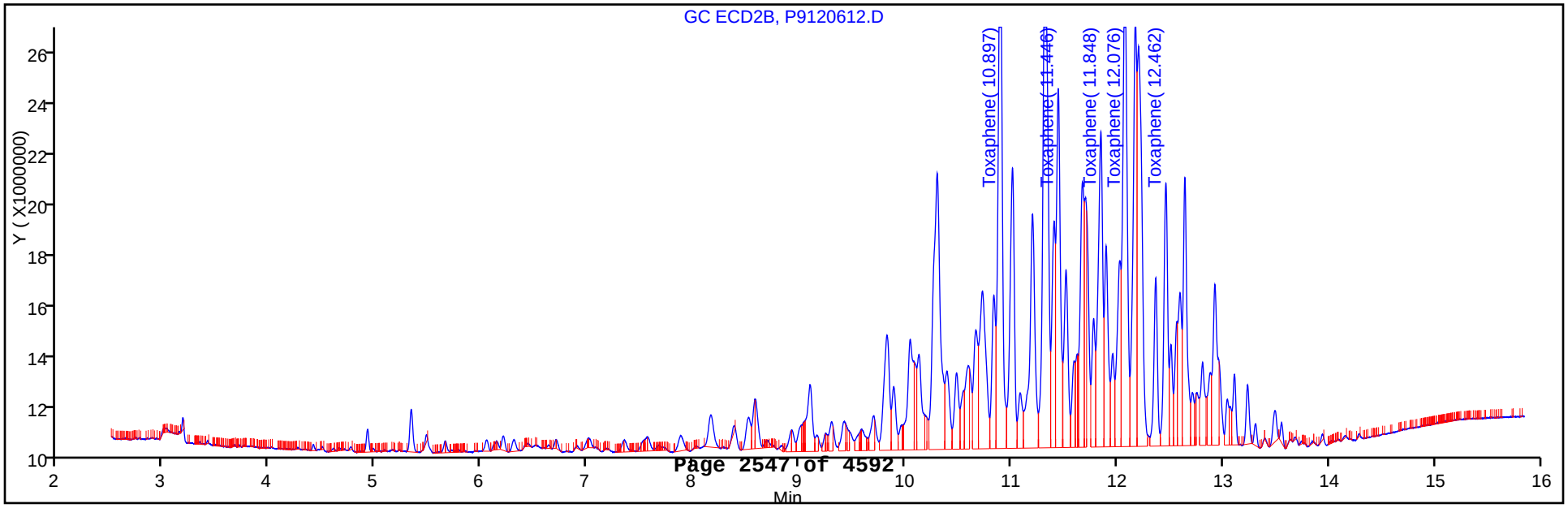
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:58:34 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 12 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



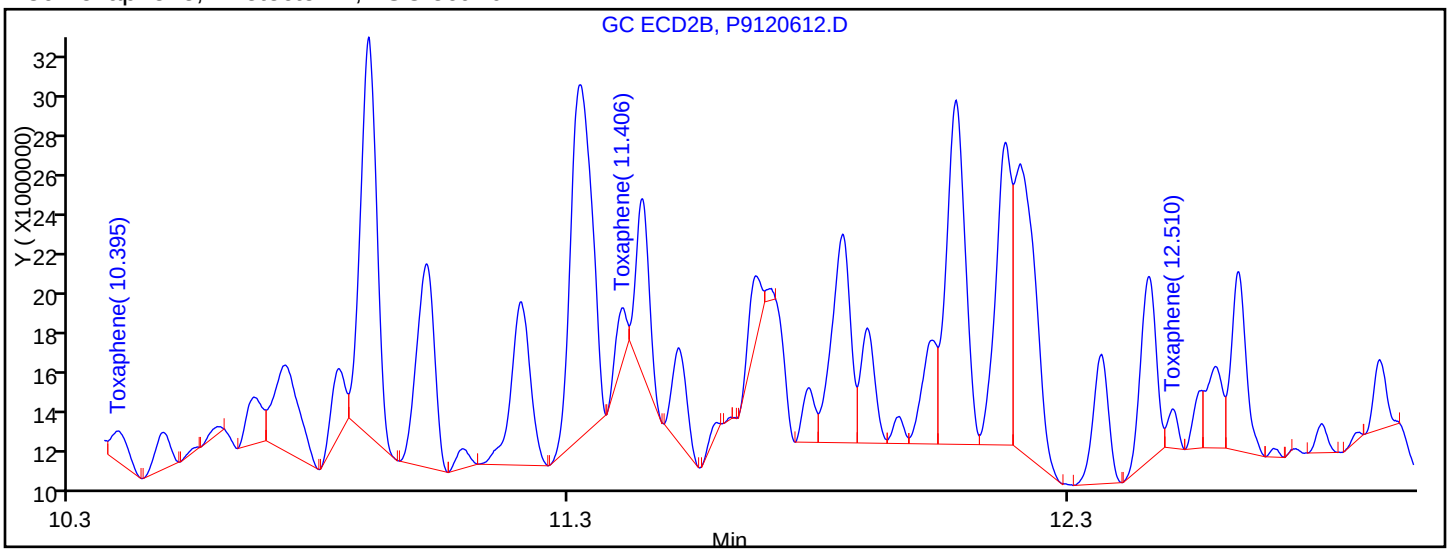
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

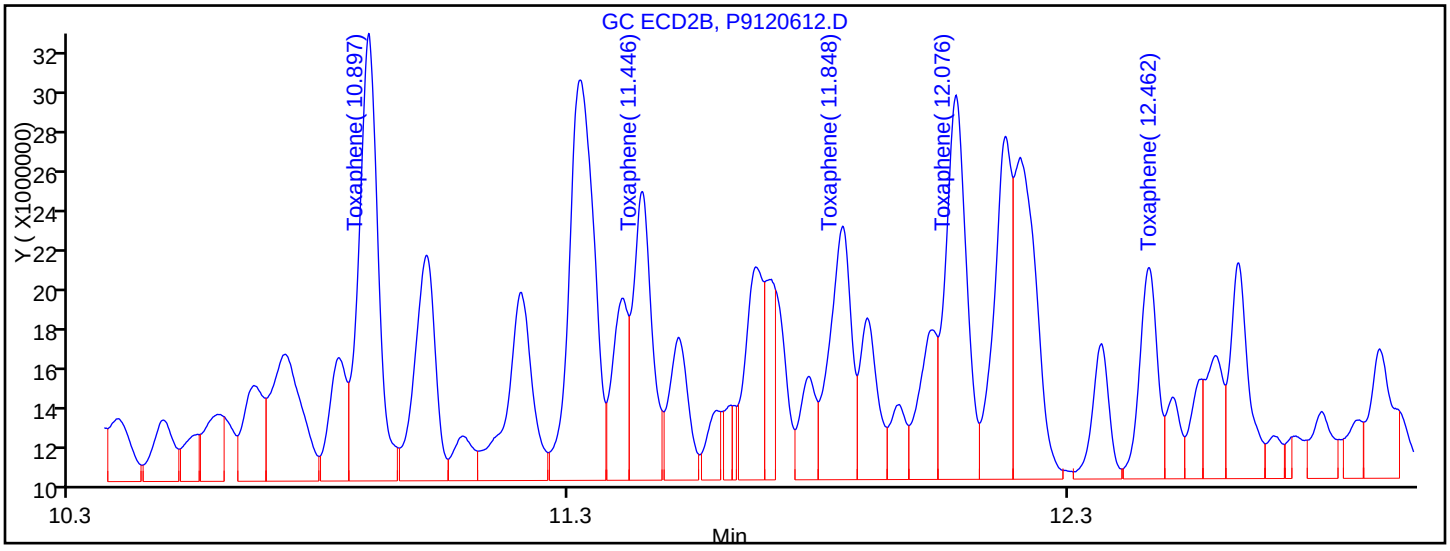
| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:58:34 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 12 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 2, GC ecd2b




Processing Integration Results

| | | |
|---|---|---|
| RT = 10.395 | Response = 3466883 | M |
| RT = 11.406 | Response = 4179367 | M |
| RT = 0.000 | Response = 0 | M |
| RT = 0.000 | Response = 0 | M |
| RT = 12.510 | Response = 2689233 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 10.897 | Response = 58494491 | M |
| RT = 11.446 | Response = 36218341 | M |
| RT = 11.848 | Response = 37476403 | M |
| RT = 12.076 | Response = 54834322 | M |
| RT = 12.462 | Response = 25821970 | M |

Reviewer: vandorenc, 07-Dec-2012 07:38:30

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120613.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 06-Dec-2012 14:24:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67554 Lims Sample ID: 13
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:33 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:41:12

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | 9.506 | 9.508 | -0.002 | 38274185 | 0.5548 | | 100.0 | M |
| 1 | 2 | 9.952 | 9.951 | 0.001 | 44122100 | 0.5162 | 105.5- 145.5 | 115.3 | M |
| 1 | 3 | 10.021 | 10.021 | 0.000 | 37490609 | 0.5082 | 90.3- 130.3 | 98.0 | M |
| 1 | 4 | 10.603 | 10.605 | -0.002 | 53447826 | 0.5413 | 116.9- 156.9 | 139.6 | M |
| 1 | 5 | 11.169 | 11.170 | -0.001 | 35262573 | 0.5542 | 64.5- 104.5 | 92.1 | M |
| | | | Average of Peak Amounts = | | | 0.5349 | | | |
| 2 | 100 | 10.899 | 10.898 | 0.001 | 123675963 | 0.4658 | | 100.0 | |
| 2 | 2 | 11.447 | 11.448 | -0.001 | 75183809 | 0.4530 | 43.7- 83.7 | 60.8 | A |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 72454678 | 0.4225 | 45.7- 85.7 | 58.6 | A |
| 2 | 4 | 12.076 | 12.077 | -0.001 | 108399435 | 0.4221 | 80.2- 120.2 | 87.6 | A |
| 2 | 5 | 12.464 | 12.464 | 0.000 | 44890815 | 0.3672 | 28.1- 68.1 | 36.3 | A |
| | | | Average of Peak Amounts = | | | 0.4261 | | | |
| | | | | | | RPD = 22.65 | | | |

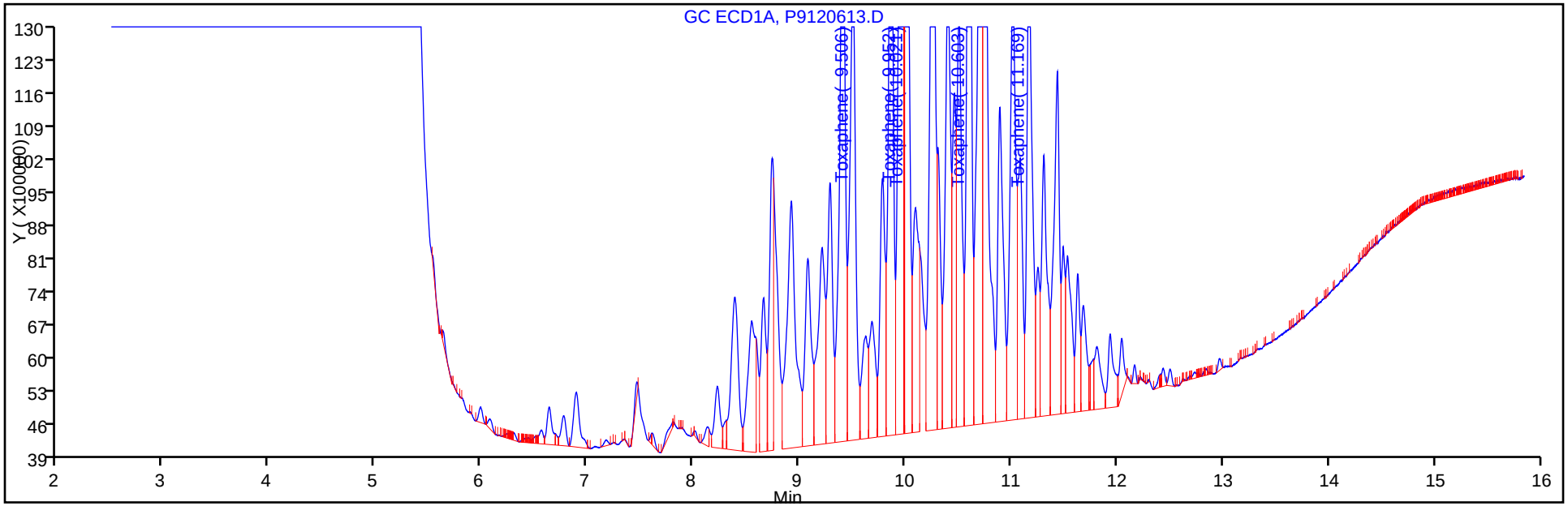
Report Date: 07-Dec-2012 10:25:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

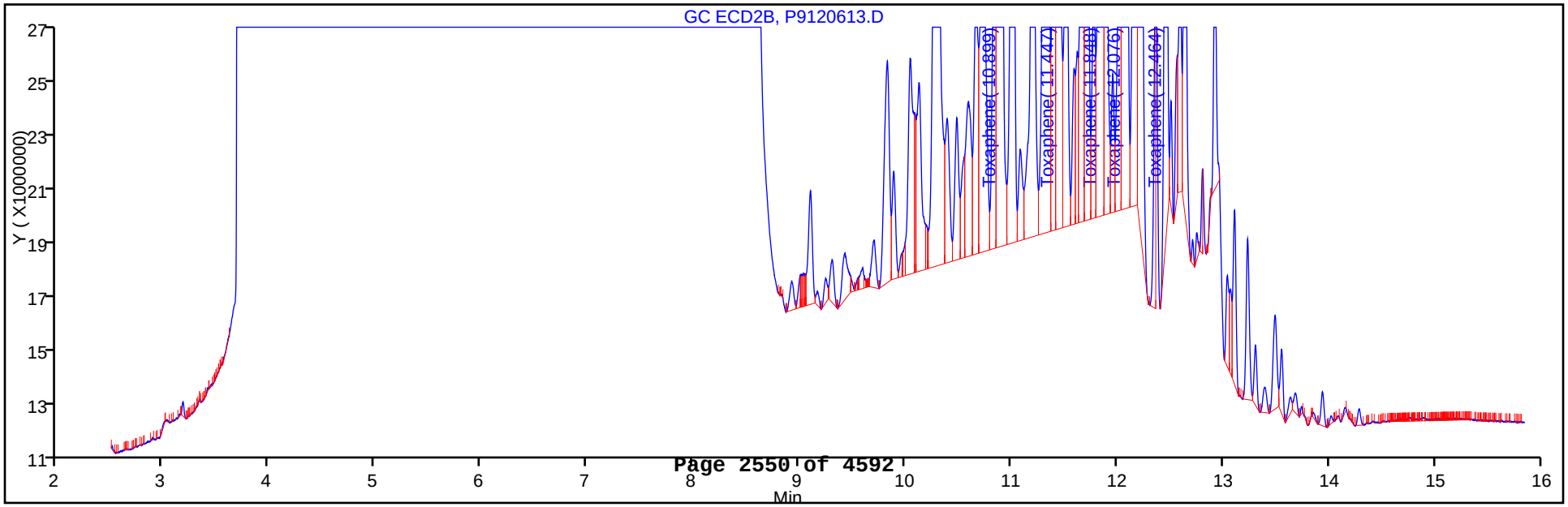
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120613.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 14:24:05 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 13 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 06-Dec-2012 14:52:12 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015581-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67554 Lims Sample ID: 14
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:35 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:45:50

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | 9.508 | 9.508 | 0.000 | 62258278 | 0.9024 | | 100.0 | M |
| 1 | 2 | 9.951 | 9.951 | 0.000 | 78150246 | 0.9144 | 105.5- 145.5 | 125.5 | M |
| 1 | 3 | 10.021 | 10.021 | 0.000 | 68653392 | 0.9307 | 90.3- 130.3 | 110.3 | M |
| 1 | 4 | 10.605 | 10.605 | 0.000 | 85217063 | 0.8630 | 116.9- 156.9 | 136.9 | A |
| 1 | 5 | 11.170 | 11.170 | 0.000 | 52584471 | 0.8265 | 64.5- 104.5 | 84.5 | A |
| | | | Average of Peak Amounts = | | | 0.8874 | | | |
| 2 | 100 | 10.898 | 10.898 | 0.000 | 269496535 | 1.02 | | 100.0 | |
| 2 | 2 | 11.448 | 11.448 | 0.000 | 171680539 | 1.03 | 43.7- 83.7 | 63.7 | A |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 176931653 | 1.03 | 45.7- 85.7 | 65.7 | A |
| 2 | 4 | 12.077 | 12.077 | 0.000 | 270000292 | 1.05 | 80.2- 120.2 | 100.2 | A |
| 2 | 5 | 12.464 | 12.464 | 0.000 | 129671979 | 1.06 | 28.1- 68.1 | 48.1 | A |
| | | | Average of Peak Amounts = | | | 1.04 | | | |
| | | | | | | RPD = 15.71 | | | |

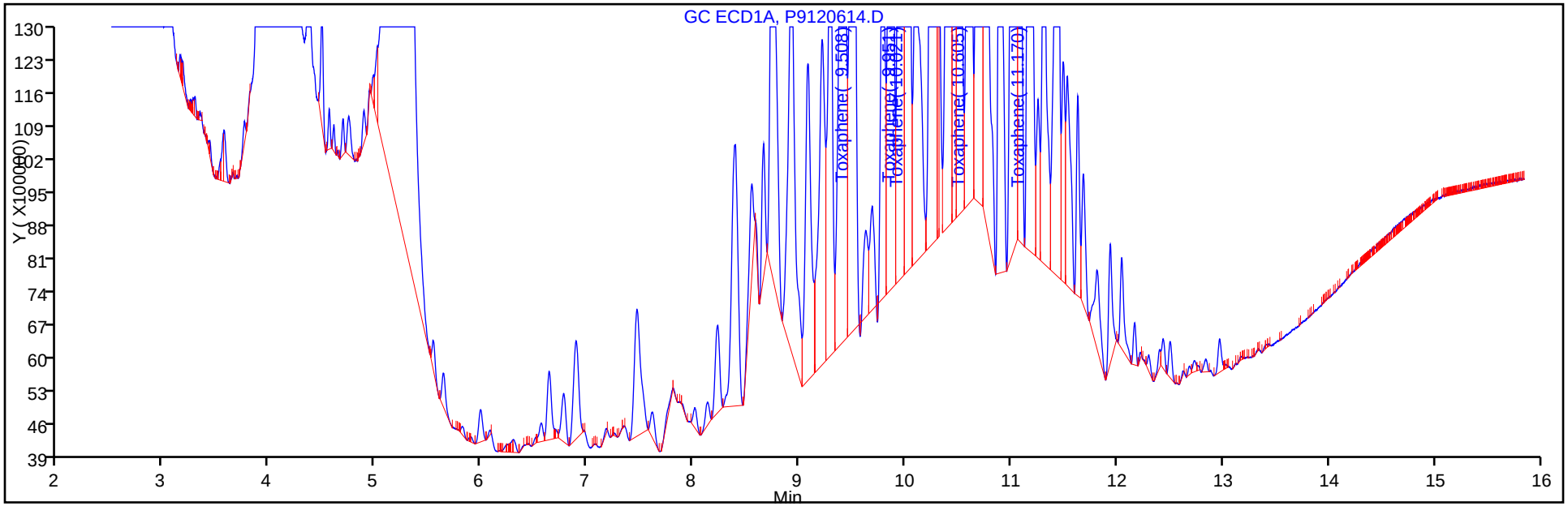
Report Date: 07-Dec-2012 10:25:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

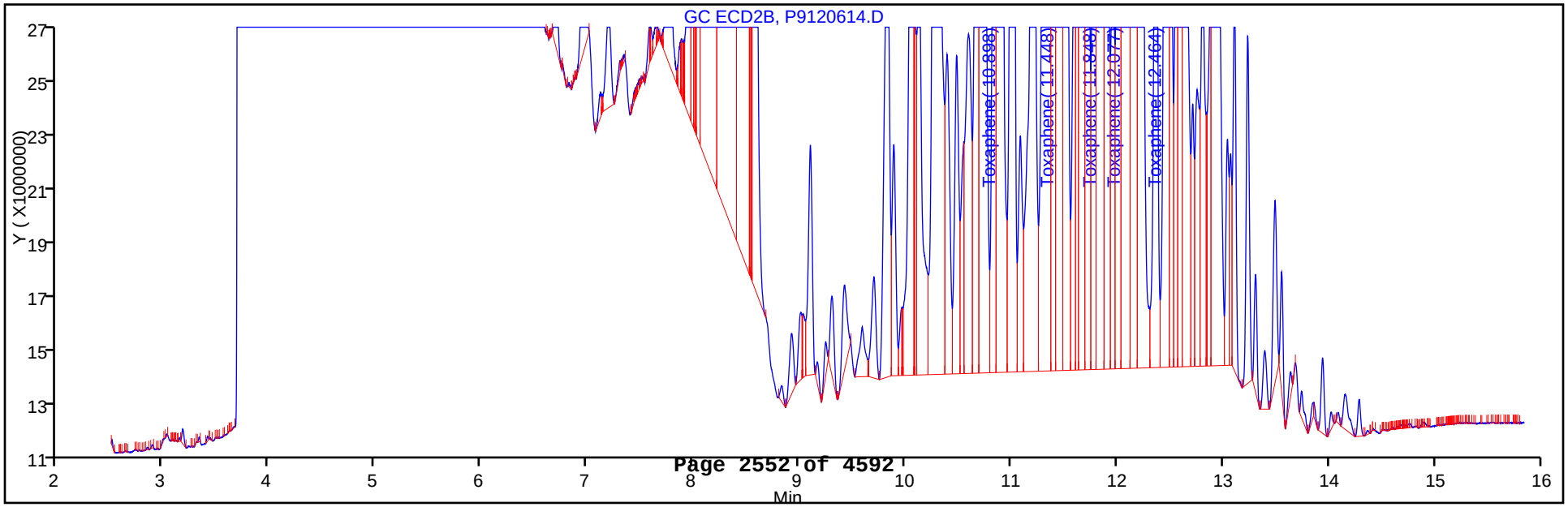
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 14:52:12 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 14 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D
Lims ID: STD TOX4 Client ID:
Inject. Date: 06-Dec-2012 15:20:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-015
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67554 Lims Sample ID: 15
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:37 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:46:32

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.508 | 9.508 | 0.000 | 141225982 | 2.05 | | 100.0 | |
| 1 | 2 | 9.956 | 9.951 | 0.005 | 177649323 | 2.08 | 105.5- 145.5 | 125.8 | |
| 1 | 3 | 10.020 | 10.021 | -0.001 | 154190096 | 2.09 | 90.3- 130.3 | 109.2 | |
| 1 | 4 | 10.604 | 10.605 | -0.001 | 206269423 | 2.09 | 116.9- 156.9 | 146.1 | |
| 1 | 5 | 11.170 | 11.170 | 0.000 | 132772916 | 2.09 | 64.5- 104.5 | 94.0 | |
| | | | Average of Peak Amounts = | | | 2.08 | | | |
| 2 | 100 | 10.898 | 10.898 | 0.000 | 551056414 | 2.08 | | 100.0 | M |
| 2 | 2 | 11.446 | 11.448 | -0.002 | 343302433 | 2.07 | 43.7- 83.7 | 62.3 | M |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 367855848 | 2.15 | 45.7- 85.7 | 66.8 | M |
| 2 | 4 | 12.077 | 12.077 | 0.000 | 547075527 | 2.13 | 80.2- 120.2 | 99.3 | M |
| 2 | 5 | 12.462 | 12.464 | -0.002 | 277675164 | 2.27 | 28.1- 68.1 | 50.4 | M |
| | | | Average of Peak Amounts = | | | 2.14 | | | |
| | | | | | | RPD = 2.84 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

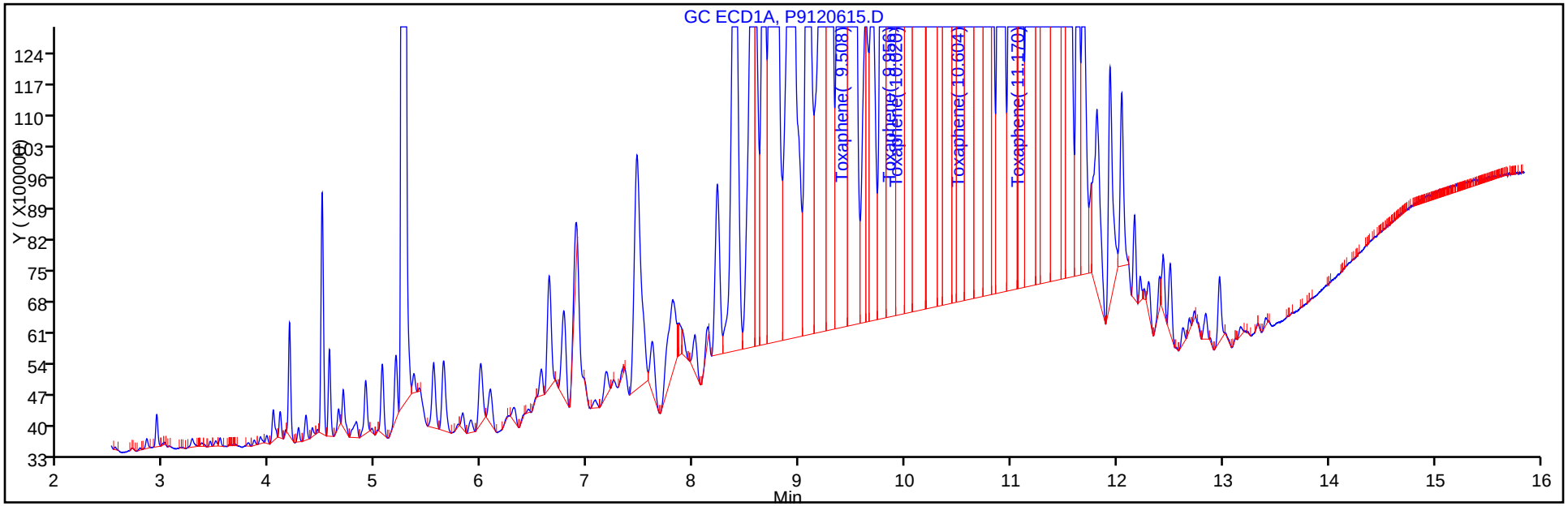
Report Date: 07-Dec-2012 10:25:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

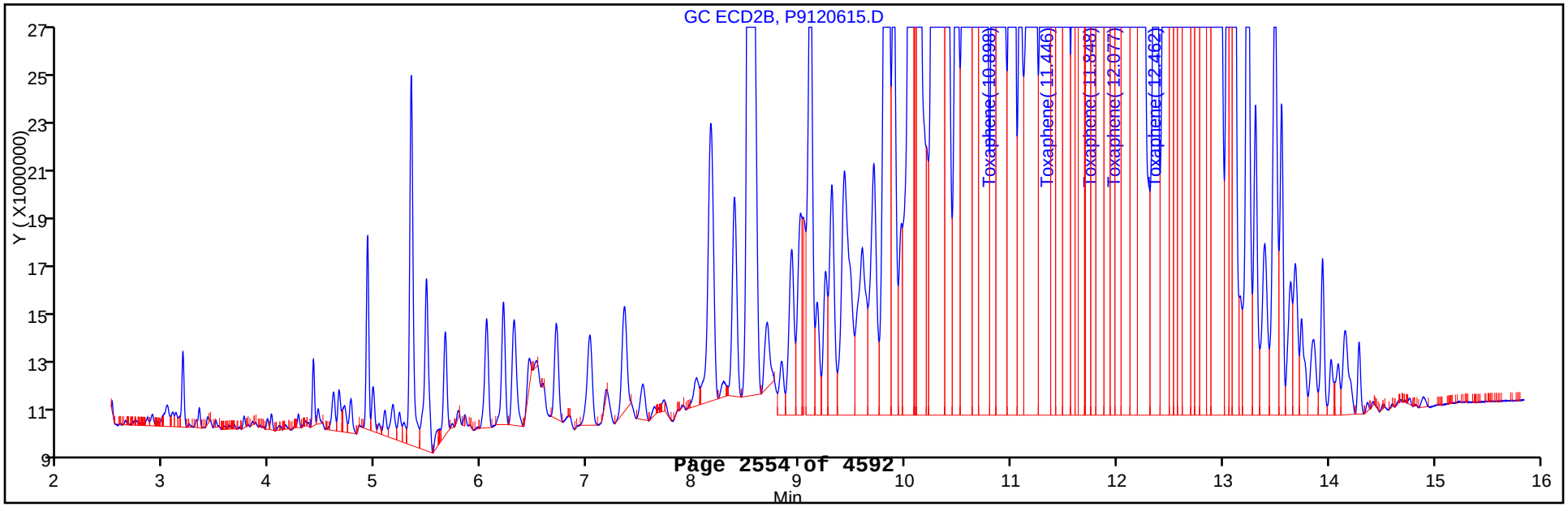
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 15:20:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 15 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



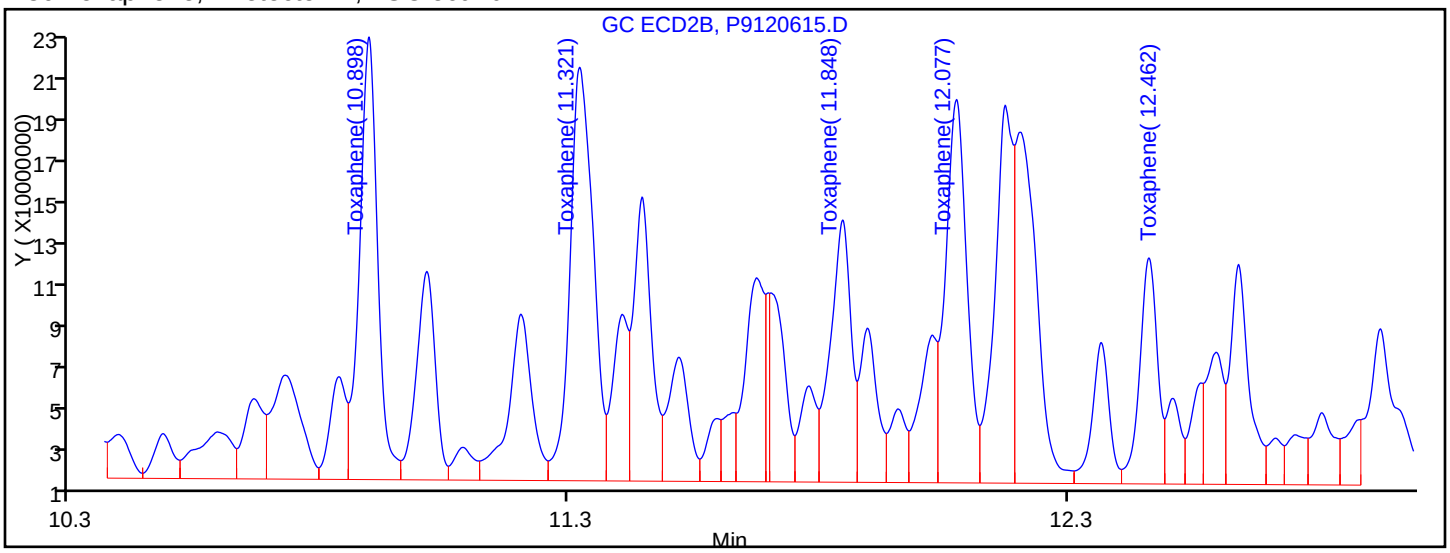
Report Date: 07-Dec-2012 10:25:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D

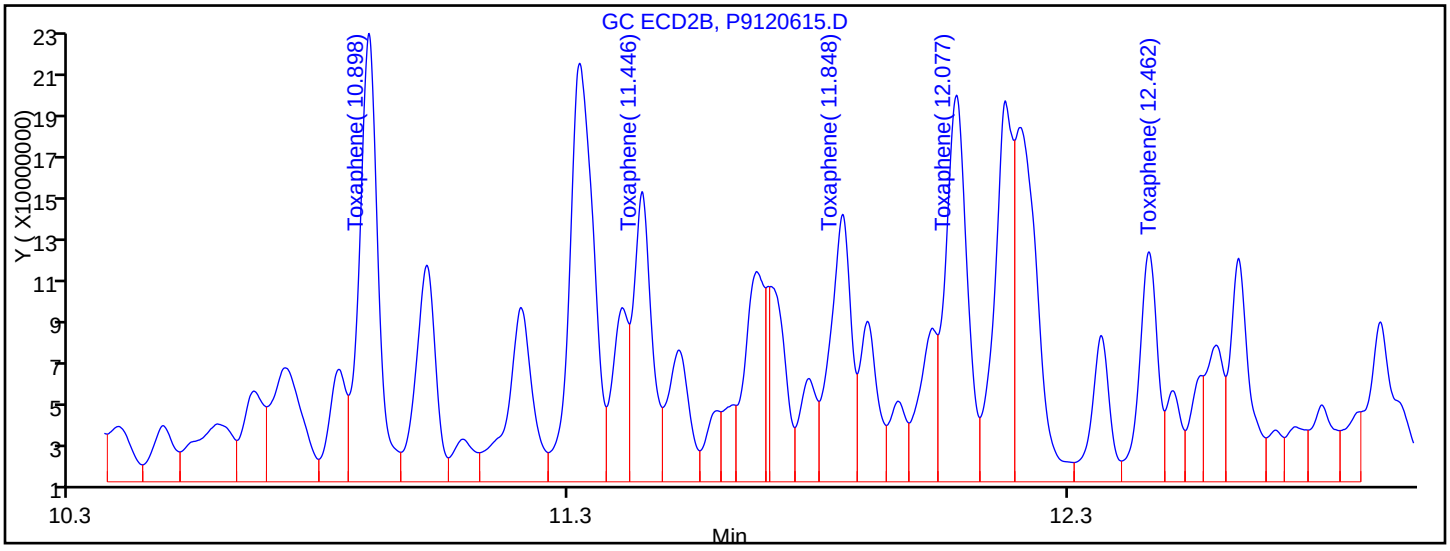
| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 15:20:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 15 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 2, GC ecd2b




Processing Integration Results

| | | |
|---|---|---|
| RT = 10.898 | Response = 519328326 | M |
| RT = 11.321 | Response = 623613676 | M |
| RT = 11.848 | Response = 350232487 | M |
| RT = 12.077 | Response = 529312213 | M |
| RT = 12.462 | Response = 261874423 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 10.898 | Response = 551056414 | M |
| RT = 11.446 | Response = 343302433 | M |
| RT = 11.848 | Response = 367855848 | M |
| RT = 12.077 | Response = 547075527 | M |
| RT = 12.462 | Response = 277675164 | M |

Reviewer: vandorenc, 07-Dec-2012 07:46:32

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D | | |
| Lims ID: | STD TOX5 | Client ID: | |
| Inject. Date: | 06-Dec-2012 15:48:28 | Dil. Factor: | 1.0000 |
| Sample Type: | IC | Calib Level: | 5 |
| Sample ID: | 240-0015581-016 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 16 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 16 |
| Sublist: | chrom-PEST9*sub1 | | |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m | | |
| Last Update: | 07-Dec-2012 10:25:40 | Calib Date: | 06-Dec-2012 18:34:08 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK003 | | |

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:47:19

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | 9.507 | 9.508 | -0.001 | 320764328 | 4.65 | | 100.0 | |
| 1 | 2 | 9.954 | 9.951 | 0.003 | 400093900 | 4.68 | 105.5- 145.5 | 124.7 | |
| 1 | 3 | 10.021 | 10.021 | 0.000 | 355384770 | 4.82 | 90.3- 130.3 | 110.8 | |
| 1 | 4 | 10.603 | 10.605 | -0.002 | 466522531 | 4.72 | 116.9- 156.9 | 145.4 | |
| 1 | 5 | 11.170 | 11.170 | 0.000 | 315689490 | 4.96 | 64.5- 104.5 | 98.4 | |
| | | | Average of Peak Amounts = | | | 4.77 | | | |
| 2 | 100 | 10.899 | 10.898 | 0.001 | 1212888260 | 4.57 | | 100.0 | |
| 2 | 2 | 11.447 | 11.448 | -0.001 | 775615828 | 4.67 | 43.7- 83.7 | 63.9 | A |
| 2 | 3 | 11.849 | 11.848 | 0.001 | 821441819 | 4.79 | 45.7- 85.7 | 67.7 | |
| 2 | 4 | 12.075 | 12.077 | -0.002 | 1247357220 | 4.86 | 80.2- 120.2 | 102.8 | |
| 2 | 5 | 12.463 | 12.464 | -0.001 | 619488835 | 5.07 | 28.1- 68.1 | 51.1 | |
| | | | Average of Peak Amounts = | | | 4.79 | | | |
| | | | | | | RPD = 0.51 | | | |

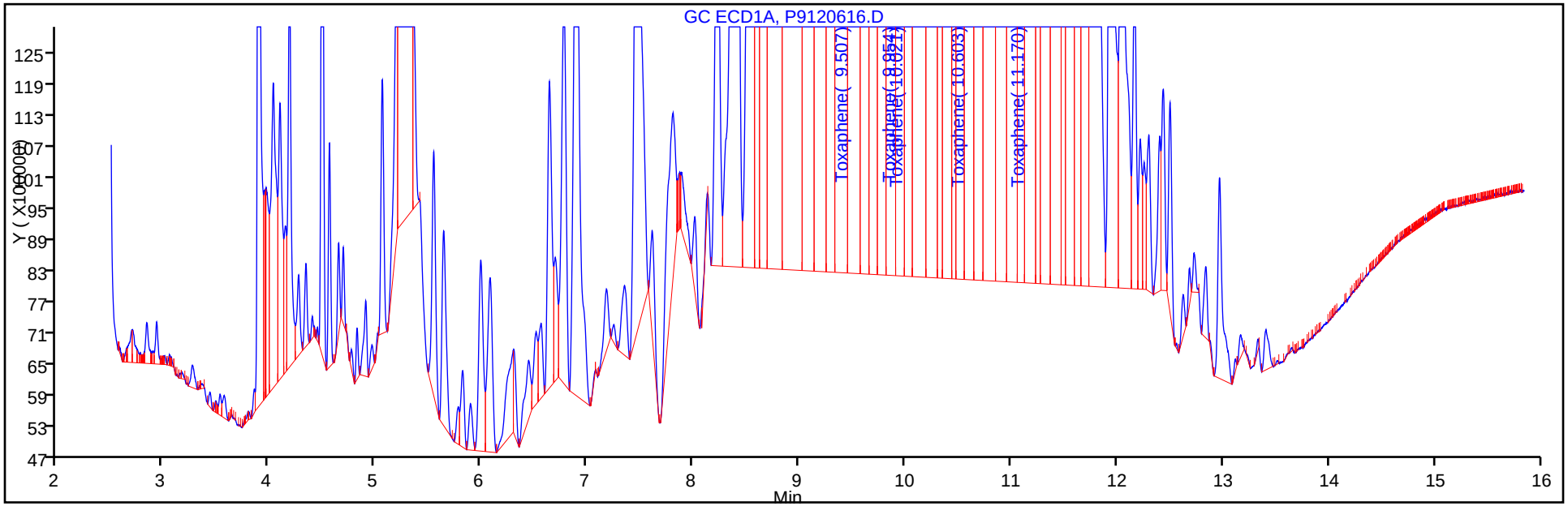
Report Date: 07-Dec-2012 10:25:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

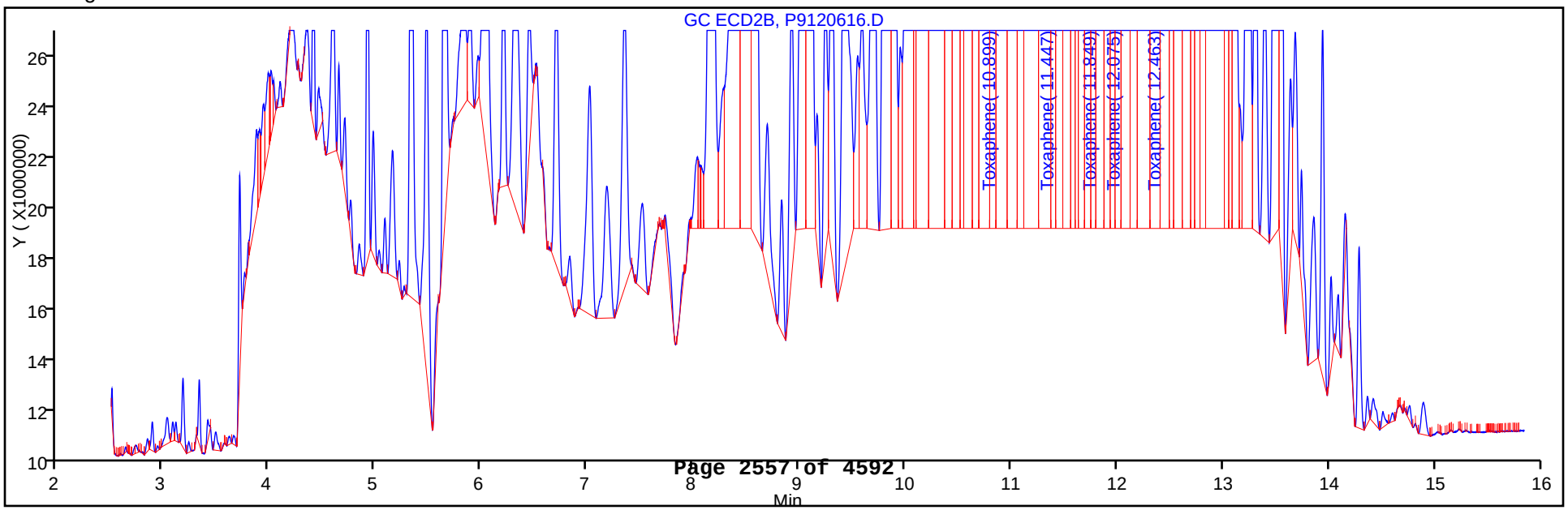
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 15:48:28 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 16 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-69893/5 | P9122205.D |
| Level 2 | STD 240-69893/6 | P9122206.D |
| Level 3 | STD 240-69893/7 | P9122207.D |
| Level 4 | STD 240-69893/8 | P9122208.D |
| Level 5 | STD 240-69893/9 | P9122209.D |
| Level 6 | STD 240-69893/10 | P9122210.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 4.182 | 4.181 | 4.182 | 4.181 | 4.180 | 4.181 | | | | | 4.152 - 4.212 | 4.181 |
| gamma-BHC (Lindane) | 4.559 | 4.556 | 4.557 | 4.557 | 4.557 | 4.556 | | | | | 4.527 - 4.587 | 4.557 |
| beta-BHC | 4.691 | 4.688 | 4.689 | 4.690 | 4.688 | 4.688 | | | | | 4.659 - 4.719 | 4.689 |
| delta-BHC | 4.905 | 4.902 | 4.902 | 4.903 | 4.901 | 4.901 | | | | | 4.872 - 4.932 | 4.902 |
| Heptachlor | 5.185 | 5.182 | 5.183 | 5.183 | 5.182 | 5.182 | | | | | 5.148 - 5.218 | 5.183 |
| Aldrin | 5.636 | 5.633 | 5.633 | 5.633 | 5.633 | 5.633 | | | | | 5.603 - 5.663 | 5.634 |
| Heptachlor epoxide | 6.864 | 6.859 | 6.860 | 6.860 | 6.859 | 6.859 | | | | | 6.830 - 6.890 | 6.860 |
| gamma-Chlordane | 7.168 | 7.164 | 7.166 | 7.167 | 7.164 | 7.166 | | | | | 7.136 - 7.196 | 7.166 |
| alpha-Chlordane | 7.519 | 7.515 | 7.516 | 7.516 | 7.513 | 7.516 | | | | | 7.486 - 7.546 | 7.516 |
| Endosulfan I | 7.797 | 7.793 | 7.794 | 7.795 | 7.793 | 7.793 | | | | | 7.764 - 7.824 | 7.794 |
| 4,4'-DDE | 7.902 | 7.899 | 7.899 | 7.896 | 7.896 | 7.896 | | | | | 7.869 - 7.929 | 7.898 |
| Dieldrin | 8.362 | 8.360 | 8.361 | 8.361 | 8.358 | 8.359 | | | | | 8.331 - 8.391 | 8.360 |
| Endrin | 8.820 | 8.819 | 8.818 | 8.819 | 8.818 | 8.817 | | | | | 8.788 - 8.848 | 8.819 |
| 4,4'-DDD | 9.191 | 9.185 | 9.185 | 9.184 | 9.183 | 9.182 | | | | | 9.155 - 9.215 | 9.185 |
| Endosulfan II | 9.273 | 9.269 | 9.269 | 9.270 | 9.271 | 9.267 | | | | | 9.239 - 9.299 | 9.270 |
| 4,4'-DDT | 9.709 | 9.705 | 9.706 | 9.708 | 9.704 | 9.706 | | | | | 9.676 - 9.736 | 9.706 |
| Endrin aldehyde | 10.068 | 10.065 | 10.065 | 10.067 | 10.065 | 10.065 | | | | | 10.035 - 10.095 | 10.066 |
| Methoxychlor | 10.664 | 10.660 | 10.659 | 10.659 | 10.658 | 10.656 | | | | | 10.629 - 10.689 | 10.659 |
| Endosulfan sulfate | 10.791 | 10.788 | 10.789 | 10.790 | 10.788 | 10.789 | | | | | 10.759 - 10.819 | 10.789 |
| Endrin ketone | 11.191 | 11.189 | 11.188 | 11.190 | 11.189 | 11.188 | | | | | 11.158 - 11.218 | 11.189 |
| Tetrachloro-m-xylene | 3.501 | 3.499 | 3.499 | 3.499 | 3.498 | 3.498 | | | | | 3.469 - 3.529 | 3.499 |
| DCB Decachlorobiphenyl | 12.802 | 12.801 | 12.802 | 12.800 | 12.800 | 12.801 | | | | | 12.772 - 12.832 | 12.801 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-69893/5 | P9122205.D |
| Level 2 | STD 240-69893/6 | P9122206.D |
| Level 3 | STD 240-69893/7 | P9122207.D |
| Level 4 | STD 240-69893/8 | P9122208.D |
| Level 5 | STD 240-69893/9 | P9122209.D |
| Level 6 | STD 240-69893/10 | P9122210.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 3839716800<br>3818223650 | 3488684600<br>3840708835 | 3889024240 | 3982567560 | Ave | | 3809820948 | | | | 4.4 | | 20.0 | | | |
| gamma-BHC (Lindane) | 3167027200<br>3087702660 | 2906343800<br>3181155535 | 3152465480 | 3198675960 | Ave | | 3115561773 | | | | 3.5 | | 20.0 | | | |
| beta-BHC | 1486772600<br>1304205040 | 1307439700<br>1302221135 | 1352056160 | 1388087740 | Ave | | 1356797063 | | | | 5.3 | | 20.0 | | | |
| delta-BHC | 3267766600<br>3442311240 | 3056045600<br>3435925600 | 3447441720 | 3605977520 | Ave | | 3375911380 | | | | 5.6 | | 20.0 | | | |
| Heptachlor | 2867950200<br>2594526660 | 2724477100<br>2679002455 | 2796003520 | 2800988080 | Ave | | 2743824669 | | | | 3.6 | | 20.0 | | | |
| Aldrin | 3899331600<br>3428876710 | 3378049900<br>3316308855 | 3634443160 | 3676625960 | Ave | | 3555606031 | | | | 6.2 | | 20.0 | | | |
| Heptachlor epoxide | 2933378400<br>2567079080 | 2691231200<br>2601234880 | 2810001800 | 2724722040 | Ave | | 2721274567 | | | | 5.0 | | 20.0 | | | |
| gamma-Chlordane | 3202120000<br>2975626770 | 2925314900<br>3062176015 | 3118688520 | 3095260680 | Ave | | 3063197814 | | | | 3.3 | | 20.0 | | | |
| alpha-Chlordane | 3372705000<br>3048408380 | 3018639300<br>3106475915 | 3219372280 | 3182119100 | Ave | | 3157953329 | | | | 4.1 | | 20.0 | | | |
| Endosulfan I | 2762502400<br>2413296620 | 2560137800<br>2444678325 | 2612908120 | 2558460400 | Ave | | 2558663944 | | | | 4.9 | | 20.0 | | | |
| 4,4'-DDE | 3558192200<br>3214665890 | 3110168000<br>3217641270 | 3323697960 | 3414697700 | Ave | | 3306510503 | | | | 4.9 | | 20.0 | | | |
| Dieldrin | 2744709200<br>2581746380 | 2571566800<br>2615849000 | 2712655600 | 2703083340 | Ave | | 2654935053 | | | | 2.8 | | 20.0 | | | |
| Endrin | 2605385400<br>2325550560 | 2448739900<br>2342236045 | 2503108920 | 2437704040 | Ave | | 2443787478 | | | | 4.3 | | 20.0 | | | |
| 4,4'-DDD | 1872060600<br>1888553900 | 1781206100<br>2004334645 | 1899783440 | 1895578400 | Ave | | 1890252848 | | | | 3.8 | | 20.0 | | | |
| Endosulfan II | 2718501400<br>2381659030 | 2555348600<br>2398456965 | 2590656640 | 2514943420 | Ave | | 2526594343 | | | | 5.0 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| 4,4'-DDT | 1757725600<br>1910777280 | 1725412100<br>2081806860 | 1905567000 | 1881273480 | Ave | | 1877093720 | | | | 6.8 | | 20.0 | | | |
| Endrin aldehyde | 1930485000<br>1735564280 | 1848720700<br>1788379030 | 1900758000 | 1828234980 | Ave | | 1838690332 | | | | 3.9 | | 20.0 | | | |
| Methoxychlor | 913632800<br>852580720 | 834322200<br>883590800 | 904641360 | 878509800 | Ave | | 877879613 | | | | 3.4 | | 20.0 | | | |
| Endosulfan sulfate | 2330950600<br>2175085460 | 2160498100<br>2207148440 | 2297923880 | 2258796620 | Ave | | 2238400517 | | | | 3.1 | | 20.0 | | | |
| Endrin ketone | 2518409200<br>2198987720 | 2344056900<br>2284246215 | 2401398640 | 2300994620 | Ave | | 2341348883 | | | | 4.7 | | 20.0 | | | |
| Tetrachloro-m-xylene | 2975390400<br>2629432940 | 2632778800<br>2497974465 | 2788366280 | 2789259320 | Ave | | 2718867034 | | | | 6.1 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 2760238400<br>2420313980 | 2508622700<br>2506290295 | 2566090760 | 2554947140 | Ave | | 2552750546 | | | | 4.5 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-69893/5 | P9122205.D |
| Level 2 | STD 240-69893/6 | P9122206.D |
| Level 3 | STD 240-69893/7 | P9122207.D |
| Level 4 | STD 240-69893/8 | P9122208.D |
| Level 5 | STD 240-69893/9 | P9122209.D |
| Level 6 | STD 240-69893/10 | P9122210.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | Ave | 19198584<br>768141767 | 34886846 | 97225606 | 199128378 | 381822365 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-BHC (Lindane) | Ave | 15835136<br>636231107 | 29063438 | 78811637 | 159933798 | 308770266 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| beta-BHC | Ave | 7433863<br>260444227 | 13074397 | 33801404 | 69404387 | 130420504 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| delta-BHC | Ave | 16338833<br>687185120 | 30560456 | 86186043 | 180298876 | 344231124 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor | Ave | 14339751<br>535800491 | 27244771 | 69900088 | 140049404 | 259452666 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Aldrin | Ave | 19496658<br>663261771 | 33780499 | 90861079 | 183831298 | 342887671 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor epoxide | Ave | 14666892<br>520246976 | 26912312 | 70250045 | 136236102 | 256707908 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-Chlordane | Ave | 16010600<br>612435203 | 29253149 | 77967213 | 154763034 | 297562677 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| alpha-Chlordane | Ave | 16863525<br>621295183 | 30186393 | 80484307 | 159105955 | 304840838 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan I | Ave | 13812512<br>488935665 | 25601378 | 65322703 | 127923020 | 241329662 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDE | Ave | 17790961<br>643528254 | 31101680 | 83092449 | 170734885 | 321466589 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Dieldrin | Ave | 13723546<br>523169800 | 25715668 | 67816390 | 135154167 | 258174638 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin | Ave | 13026927<br>468447209 | 24487399 | 62577723 | 121885202 | 232555056 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDD | Ave | 9360303<br>400866929 | 17812061 | 47494586 | 94778920 | 188855390 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan II | Ave | 13592507<br>479691393 | 25553486 | 64766416 | 125747171 | 238165903 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDT | Ave | 8788628<br>416361372 | 17254121 | 47639175 | 94063674 | 191077728 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Endrin aldehyde | Ave | 9652425<br>357675806 | 18487207 | 47518950 | 91411749 | 173556428 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Methoxychlor | Ave | 4568164<br>176718160 | 8343222 | 22616034 | 43925490 | 85258072 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan sulfate | Ave | 11654753<br>441429688 | 21604981 | 57448097 | 112939831 | 217508546 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin ketone | Ave | 12592046<br>456849243 | 23440569 | 60034966 | 115049731 | 219898772 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Tetrachloro-m-xylene | Ave | 14876952<br>499594893 | 26327788 | 69709157 | 139462966 | 262943294 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| DCB Decachlorobiphenyl | Ave | 13801192<br>501258059 | 25086227 | 64152269 | 127747357 | 242031398 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 22-Dec-2012 13:11:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016122-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69893 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:42 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:43:55

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.499 | 0.002 | 14876952 | 0.005472 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 45380358 | 0.005171 | | | |
| | | | | | | RPD = 5.65 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.182 | 0.000 | 19198584 | 0.005039 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 59493681 | 0.004515 | | | |
| | | | | | | RPD = 10.98 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.557 | 0.002 | 15835136 | 0.005083 | | | |
| 2 | 100 | 5.469 | 5.467 | 0.002 | 49879707 | 0.004782 | | | |
| | | | | | | RPD = 6.10 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.689 | 0.002 | 7433863 | 0.005479 | | | |
| 2 | 100 | 5.645 | 5.643 | 0.002 | 23846980 | 0.005466 | | | |
| | | | | | | RPD = 0.23 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.902 | 0.003 | 16338833 | 0.004840 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 49410144 | 0.004552 | | | |
| | | | | | | RPD = 6.13 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.185 | 5.183 | 0.002 | 14339751 | 0.005226 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 46687197 | 0.005303 | | | |
| | | | | | | RPD = 1.45 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.633 | 0.003 | 19496658 | 0.005483 | | | |
| 2 | 100 | 7.006 | 7.005 | 0.001 | 56146408 | 0.005280 | | | |
| | | | | | | RPD = 3.77 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.864 | 6.860 | 0.004 | 14666892 | 0.005390 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 44116721 | 0.005287 | | | |
| | | | | | | RPD = 1.92 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.168 | 7.166 | 0.002 | 16010600 | 0.005227 | | | |
| 2 | 100 | 8.920 | 8.919 | 0.001 | 46868464 | 0.005248 | | | |
| | | | | | | RPD = 0.40 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.519 | 7.516 | 0.003 | 16863525 | 0.005340 | | | |
| 2 | 100 | 9.233 | 9.232 | 0.001 | 47466433 | 0.005364 | | | |
| | | | | | | RPD = 0.45 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.797 | 7.794 | 0.003 | 13812512 | 0.005398 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 38111528 | 0.005343 | | | |
| | | | | | | RPD = 1.03 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.902 | 7.899 | 0.003 | 17790961 | 0.005381 | | | |
| 2 | 100 | 9.695 | 9.694 | 0.001 | 45113319 | 0.005218 | | | |
| | | | | | | RPD = 3.06 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.362 | 8.361 | 0.001 | 13723546 | 0.005169 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 40887928 | 0.005156 | | | |
| | | | | | | RPD = 0.26 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.820 | 8.818 | 0.002 | 13026927 | 0.005331 | | | |
| 2 | 100 | 10.353 | 10.351 | 0.002 | 36002396 | 0.005111 | | | |
| | | | | | | RPD = 4.21 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.191 | 9.185 | 0.006 | 9360303 | 0.004952 | | | |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 61449978 | 0.004961 | | | |
| | | | | | | RPD = 0.18 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.273 | 9.269 | 0.004 | 13592507 | 0.005380 | | | |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 61449978 | 0.004961 | | | |
| | | | | | | RPD = 8.10 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.706 | 0.003 | 8788628 | 0.004682 | | | |
| 2 | 100 | 11.210 | 11.209 | 0.001 | 21588831 | 0.004627 | | | |
| | | | | | | RPD = 1.18 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.068 | 10.065 | 0.003 | 9652425 | 0.005250 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 27719699 | 0.005278 | | | |
| | | | | | | RPD = 0.54 | | | |
| 27 Methoxychlor | | | | | | | | | M |
| 1 | 100 | 10.664 | 10.659 | 0.005 | 4568164 | 0.005204 | | | M |
| 2 | 100 | 12.291 | 12.288 | 0.003 | 11707426 | 0.005067 | | | |
| | | | | | | RPD = 2.65 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | M |
| 1 | 100 | 10.791 | 10.789 | 0.002 | 11654753 | 0.005207 | | | M |
| 2 | 100 | 11.731 | 11.730 | 0.001 | 31049046 | 0.004886 | | | |
| | | | | | | RPD = 6.35 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.191 | 11.188 | 0.003 | 12592046 | 0.005378 | | | |
| 2 | 100 | 12.468 | 12.467 | 0.001 | 31911339 | 0.005103 | | | |
| | | | | | | RPD = 5.25 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.802 | 12.802 | 0.000 | 13801192 | 0.005406 | | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 35638927 | 0.005246 | | | |
| | | | | | | RPD = 3.00 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

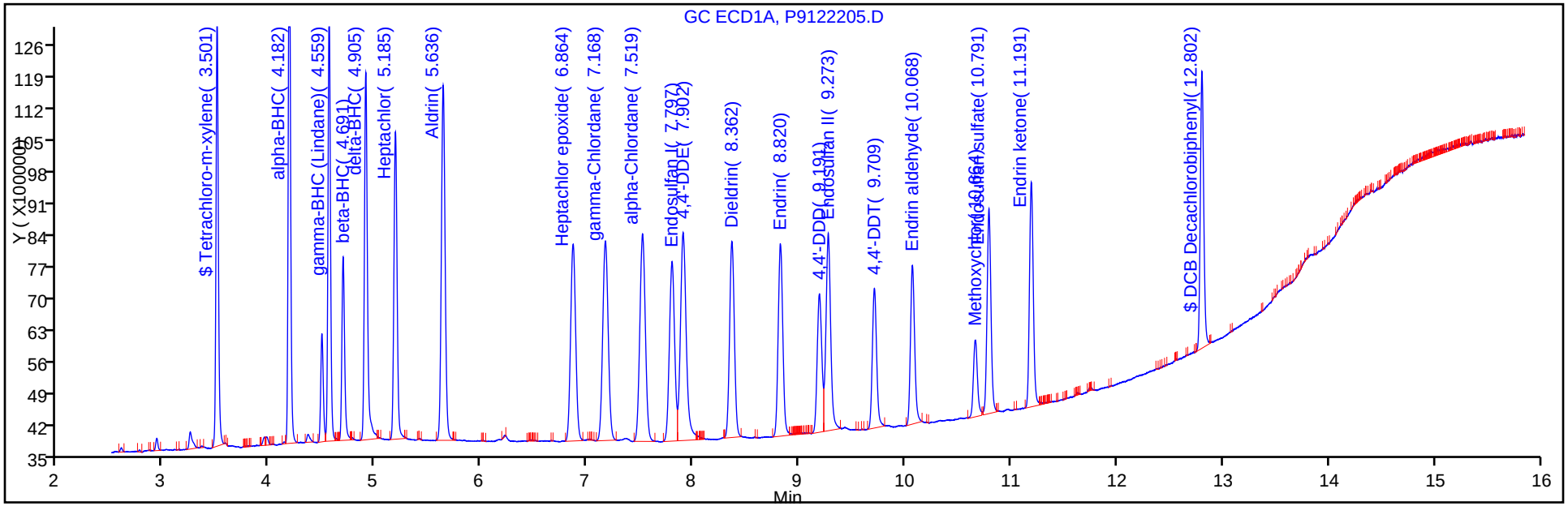
Report Date: 31-Dec-2012 10:57:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

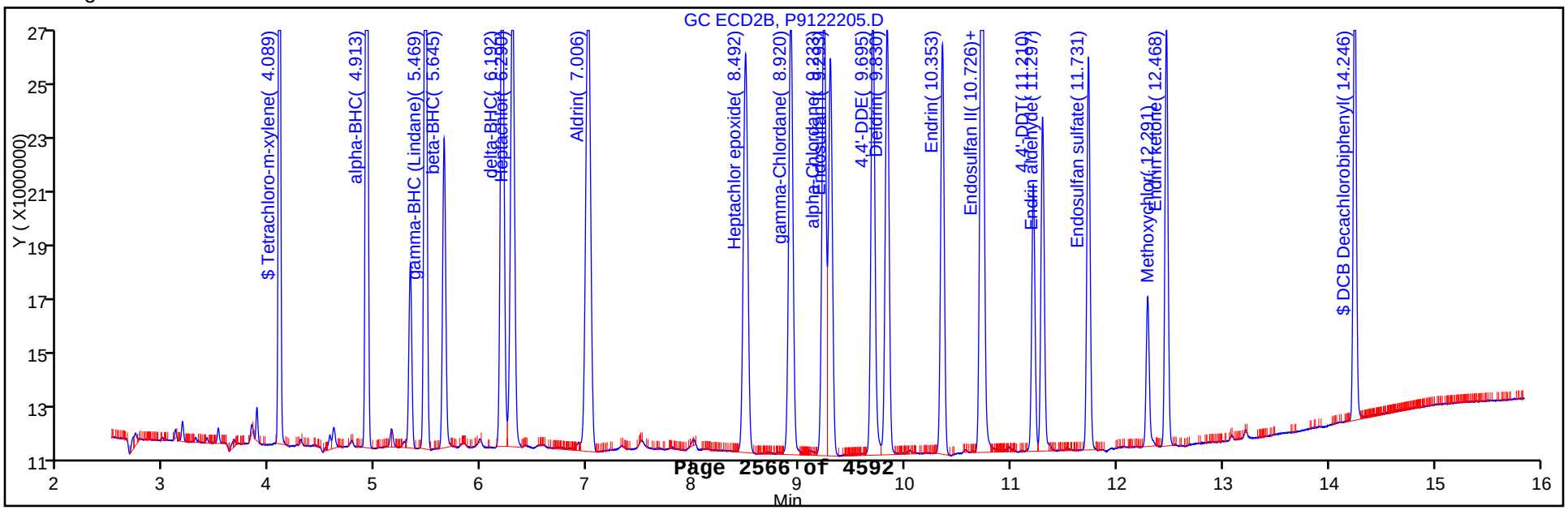
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 13:11:51 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

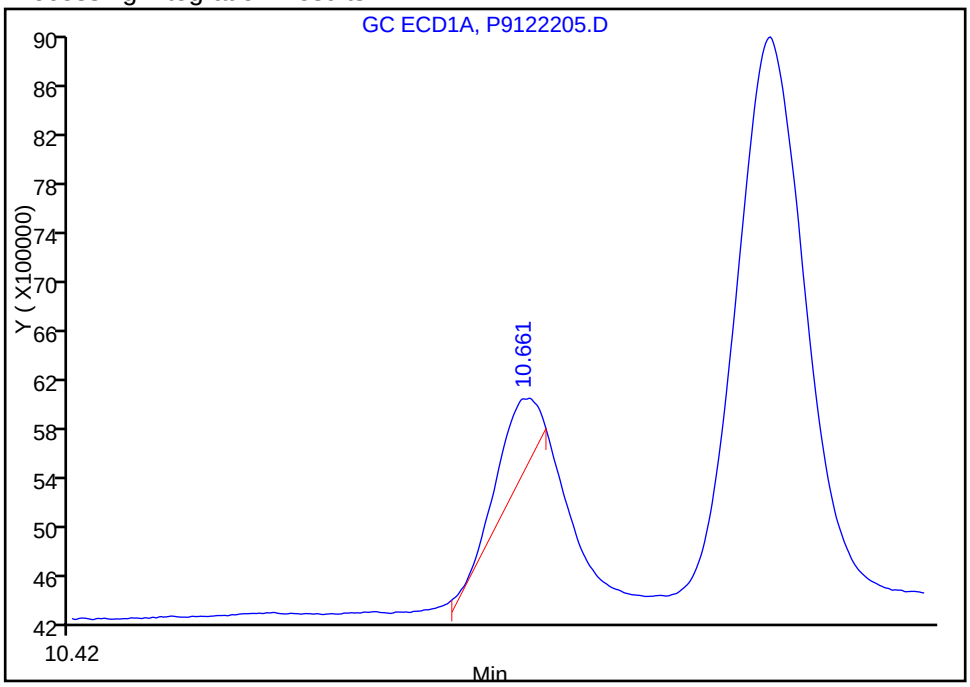
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D | | |
| Injection Date: | 22-Dec-2012 13:11:51 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

27 Methoxychlor, Signal: 1, Type: quant, RT: 10.66, Det: GC ECD1A

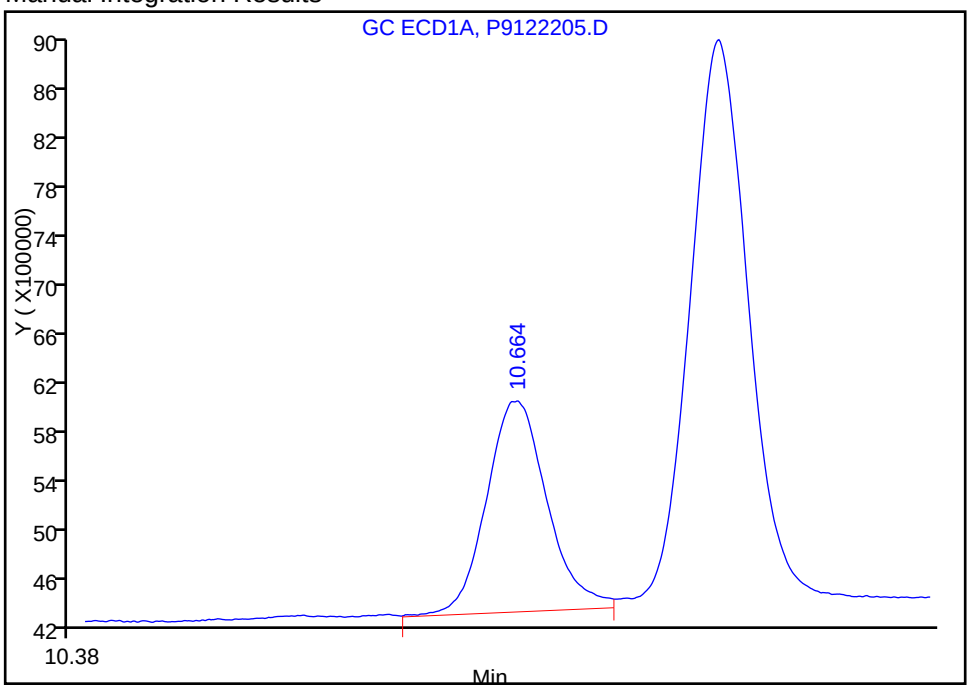
Processing Integration Results

RT: 10.66
Response: 904009
Amount: 0.001196




Manual Integration Results

RT: 10.66
Response: 4568164
Amount: 0.005204




Reviewer: vandorenc, 31-Dec-2012 10:43:55
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

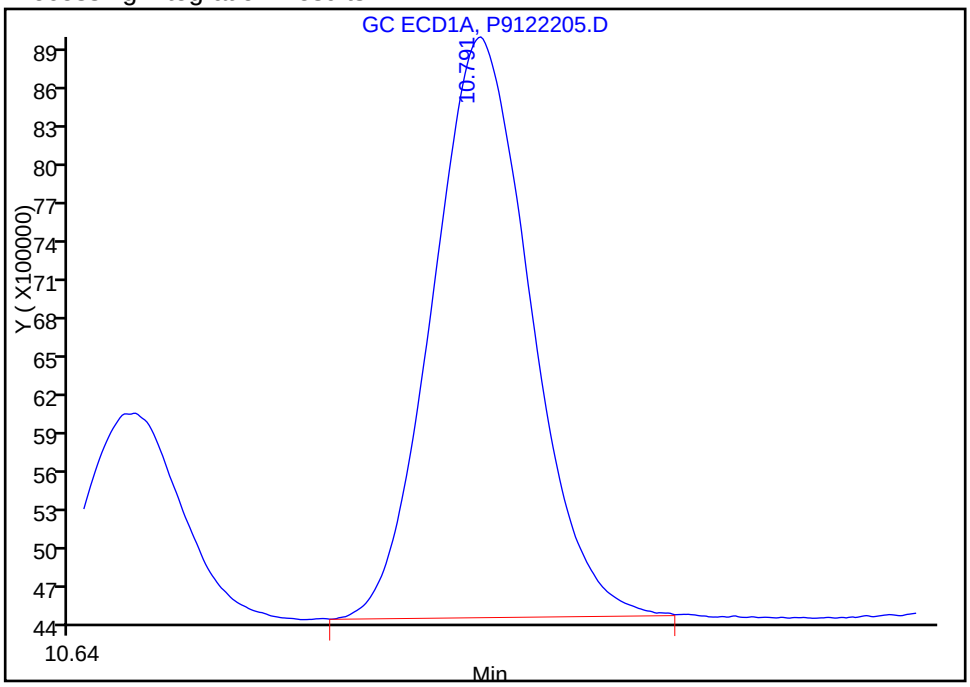
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D | | |
| Injection Date: | 22-Dec-2012 13:11:51 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

16 Endosulfan sulfate, Signal: 1, Type: quant, RT: 10.79, Det: GC ECD1A

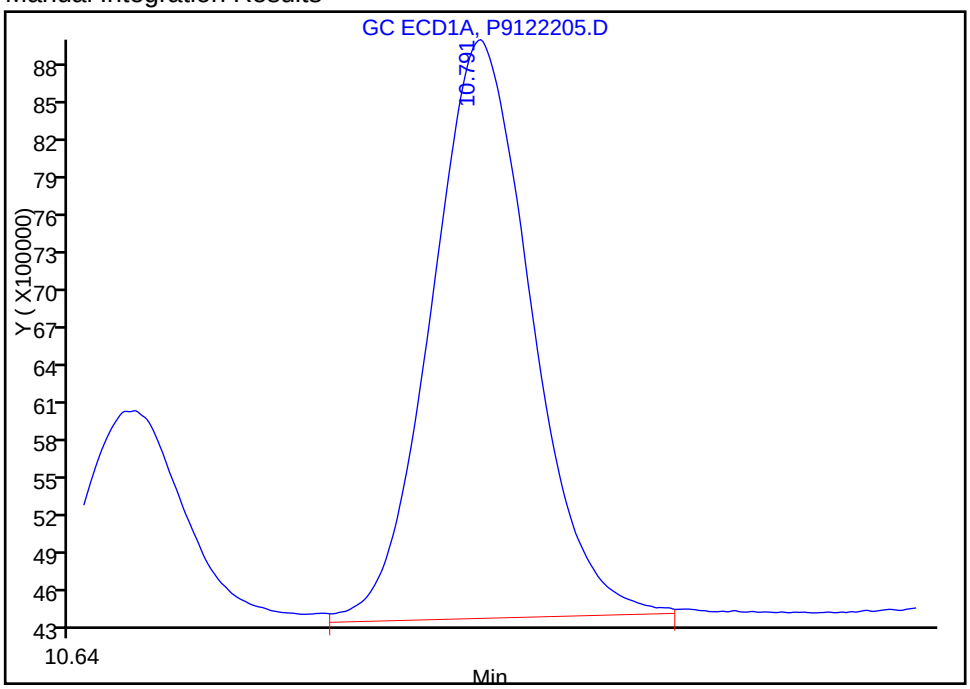
Processing Integration Results

RT: 10.79
Response: 11312240
Amount: 0.005080




Manual Integration Results

RT: 10.79
Response: 11654753
Amount: 0.005207




Reviewer: vandorenc, 31-Dec-2012 10:43:55
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 22-Dec-2012 13:36:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016122-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 69893 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:45 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 26327788 | 0.009683 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 79131320 | 0.009017 | | | |
| | | | | | | RPD = 7.12 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 34886846 | 0.009157 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 108117927 | 0.008205 | | | |
| | | | | | | RPD = 10.97 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.557 | -0.001 | 29063438 | 0.009328 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 91237834 | 0.008747 | | | |
| | | | | | | RPD = 6.43 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 13074397 | 0.009636 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 41558513 | 0.009526 | | | |
| | | | | | | RPD = 1.15 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 30560456 | 0.009053 | | | |
| 2 | 100 | 6.193 | 6.192 | 0.001 | 91941241 | 0.008470 | | | |
| | | | | | | RPD = 6.65 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 27244771 | 0.0099 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 85557872 | 0.009718 | | | |
| | | | | | | RPD = 2.16 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 33780499 | 0.009501 | | | |
| 2 | 100 | 7.004 | 7.005 | -0.001 | 96036641 | 0.009032 | | | |
| | | | | | | RPD = 5.06 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.859 | 6.860 | -0.001 | 26912312 | 0.009890 | | | |
| 2 | 100 | 8.491 | 8.492 | -0.001 | 79756447 | 0.009559 | | | |
| | | | | | | RPD = 3.40 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.166 | -0.002 | 29253149 | 0.009550 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 81732580 | 0.009151 | | | |
| | | | | | | RPD = 4.26 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.515 | 7.516 | -0.001 | 30186393 | 0.009559 | | | |
| 2 | 100 | 9.231 | 9.232 | -0.001 | 81770641 | 0.009241 | | | |
| | | | | | | RPD = 3.38 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 25601378 | 0.0100 | | | |
| 2 | 100 | 9.294 | 9.294 | 0.000 | 69719809 | 0.009774 | | | |
| | | | | | | RPD = 2.34 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.899 | 7.899 | 0.000 | 31101680 | 0.009406 | | | |
| 2 | 100 | 9.695 | 9.694 | 0.001 | 77953252 | 0.009017 | | | |
| | | | | | | RPD = 4.22 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.360 | 8.361 | -0.001 | 25715668 | 0.009686 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 74704321 | 0.009420 | | | |
| | | | | | | RPD = 2.79 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.819 | 8.818 | 0.001 | 24487399 | 0.0100 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 66989765 | 0.009510 | | | |
| | | | | | | RPD = 5.23 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.185 | 9.185 | 0.000 | 17812061 | 0.009423 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 114833998 | 0.009271 | | | |
| | | | | | | RPD = 1.63 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 25553486 | 0.0101 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 114833998 | 0.009271 | | | |
| | | | | | | RPD = 8.70 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.706 | -0.001 | 17254121 | 0.009192 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 40682243 | 0.008720 | | | |
| | | | | | | RPD = 5.27 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 18487207 | 0.0101 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 50472262 | 0.009610 | | | |
| | | | | | | RPD = 4.52 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.659 | 0.001 | 8343222 | 0.009504 | | | |
| 2 | 100 | 12.289 | 12.288 | 0.001 | 22271242 | 0.009640 | | | |
| | | | | | | RPD = 1.42 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.789 | -0.001 | 21604981 | 0.009652 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 57795628 | 0.009096 | | | |
| | | | | | | RPD = 5.94 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.188 | 0.001 | 23440569 | 0.0100 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 59485799 | 0.009512 | | | |
| | | | | | | RPD = 5.12 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.802 | -0.001 | 25086227 | 0.009827 | | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 62654026 | 0.009223 | | | |
| | | | | | | RPD = 6.34 | | | |

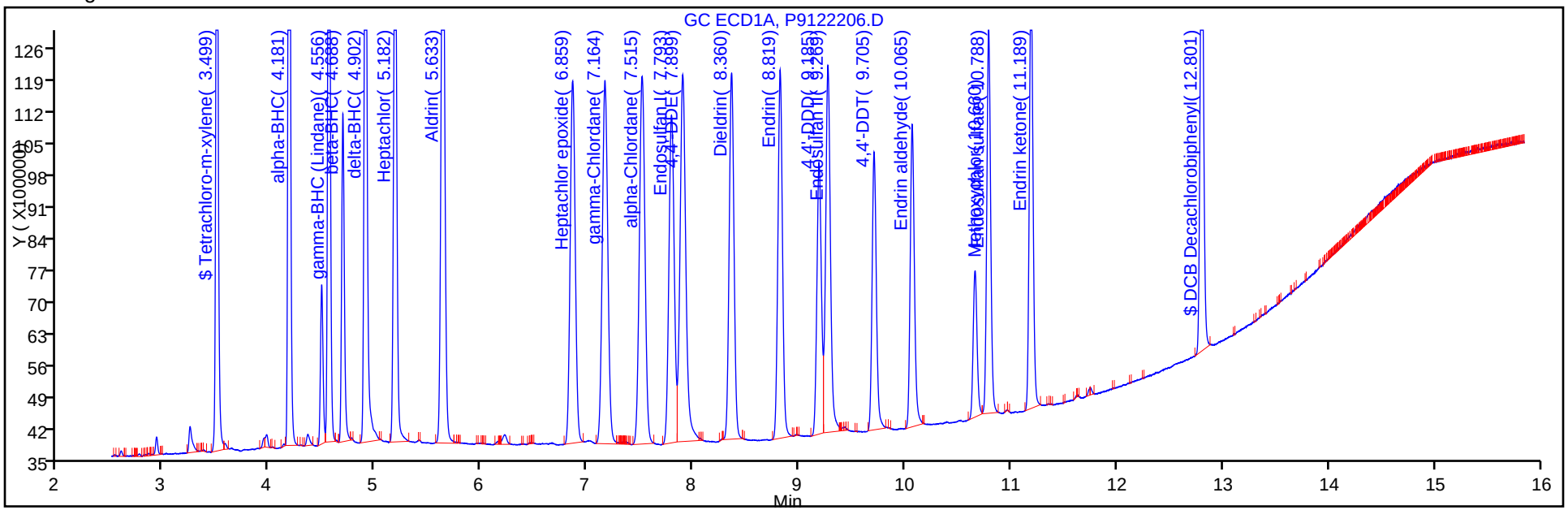
Report Date: 31-Dec-2012 10:57:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

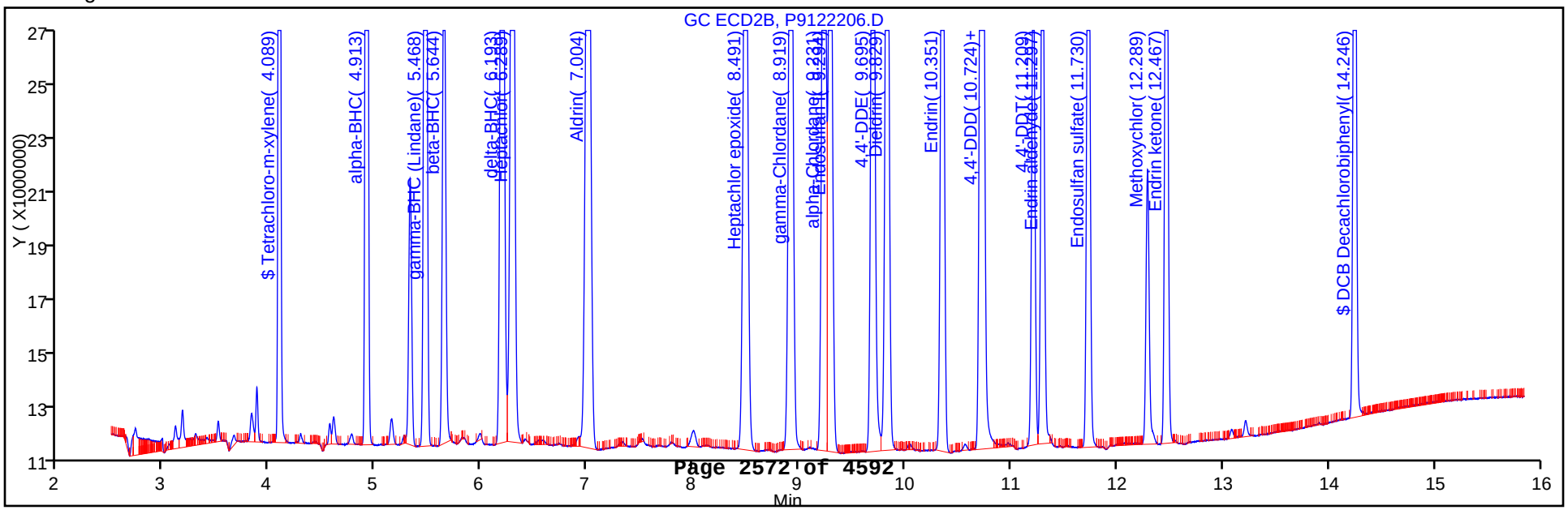
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 13:36:04 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 6 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 22-Dec-2012 14:00:36 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0016122-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69893 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:47 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 69709157 | 0.0256 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 213055108 | 0.0243 | | | |
| | | | | | | RPD = 5.45 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.182 | 0.000 | 97225606 | 0.0255 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 308826216 | 0.0234 | | | |
| | | | | | | RPD = 8.51 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 78811637 | 0.0253 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 248326236 | 0.0238 | | | |
| | | | | | | RPD = 6.07 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.689 | 4.689 | 0.000 | 33801404 | 0.0249 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 107046996 | 0.0245 | | | |
| | | | | | | RPD = 1.51 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 86186043 | 0.0255 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 257325928 | 0.0237 | | | |
| | | | | | | RPD = 7.41 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 69900088 | 0.0255 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 211681542 | 0.0240 | | | |
| | | | | | | RPD = 5.79 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 90861079 | 0.0256 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 256850215 | 0.0242 | | | |
| | | | | | | RPD = 5.62 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 70250045 | 0.0258 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 204907789 | 0.0246 | | | |
| | | | | | | RPD = 4.99 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.166 | 7.166 | 0.000 | 77967213 | 0.0255 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 215120969 | 0.0241 | | | |
| | | | | | | RPD = 5.52 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 80484307 | 0.0255 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 213333957 | 0.0241 | | | |
| | | | | | | RPD = 5.55 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.794 | 7.794 | 0.000 | 65322703 | 0.0255 | | | |
| 2 | 100 | 9.294 | 9.294 | 0.000 | 172923071 | 0.0242 | | | |
| | | | | | | RPD = 5.17 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.899 | 7.899 | 0.000 | 83092449 | 0.0251 | | | |
| 2 | 100 | 9.694 | 9.694 | 0.000 | 204863696 | 0.0237 | | | |
| | | | | | | RPD = 5.87 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.361 | 8.361 | 0.000 | 67816390 | 0.0255 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 191764710 | 0.0242 | | | |
| | | | | | | RPD = 5.48 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 62577723 | 0.0256 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 171226444 | 0.0243 | | | |
| | | | | | | RPD = 5.21 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.185 | 9.185 | 0.000 | 47494586 | 0.0251 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 300502115 | 0.0243 | | | |
| | | | | | | RPD = 3.51 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 64766416 | 0.0256 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 300502115 | 0.0243 | | | |
| | | | | | | RPD = 5.51 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.706 | 0.000 | 47639175 | 0.0254 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 111228775 | 0.0238 | | | |
| | | | | | | RPD = 6.25 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 47518950 | 0.0258 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 128695915 | 0.0245 | | | |
| | | | | | | RPD = 5.32 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 22616034 | 0.0258 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 57766626 | 0.0250 | | | |
| | | | | | | RPD = 2.99 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.789 | 10.789 | 0.000 | 57448097 | 0.0257 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 151291302 | 0.0238 | | | |
| | | | | | | RPD = 7.50 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.188 | 11.188 | 0.000 | 60034966 | 0.0256 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 153508243 | 0.0245 | | | |
| | | | | | | RPD = 4.36 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.802 | 12.802 | 0.000 | 64152269 | 0.0251 | | | |
| 2 | 100 | 14.247 | 14.247 | 0.000 | 156739690 | 0.0231 | | | |
| | | | | | | RPD = 8.53 | | | |

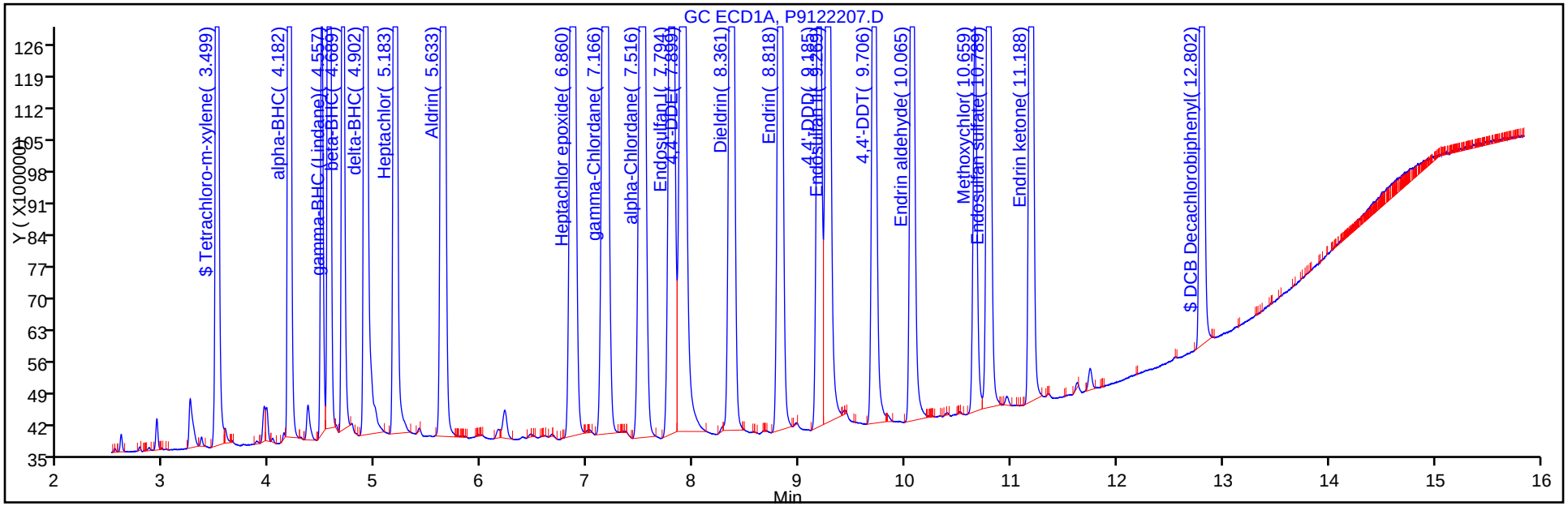
Report Date: 31-Dec-2012 10:57:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

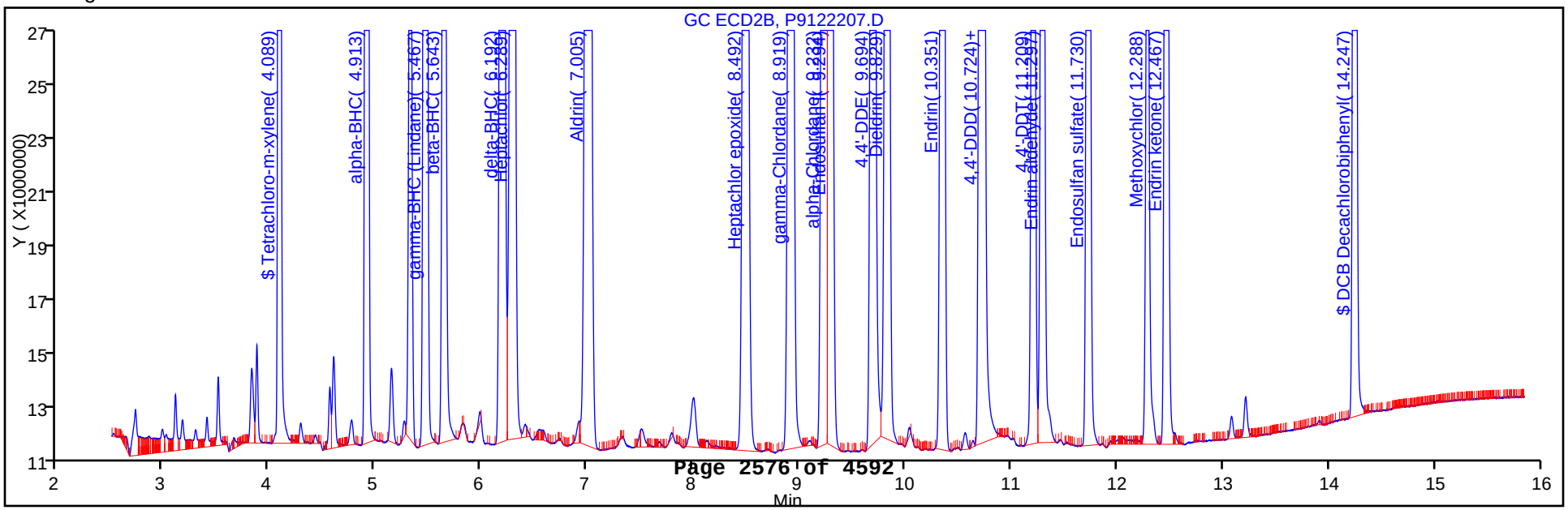
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 14:00:36 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 7 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 22-Dec-2012 14:25:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0016122-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69893 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:50 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 139462966 | 0.0513 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 448233184 | 0.0511 | | | |
| | | | | | | RPD = 0.42 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 199128378 | 0.0523 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 680587365 | 0.0516 | | | |
| | | | | | | RPD = 1.19 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 159933798 | 0.0513 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 524627836 | 0.0503 | | | |
| | | | | | | RPD = 2.04 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.689 | 0.001 | 69404387 | 0.0512 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 213264607 | 0.0489 | | | |
| | | | | | | RPD = 4.53 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.903 | 4.902 | 0.001 | 180298876 | 0.0534 | | | |
| 2 | 100 | 6.191 | 6.192 | -0.001 | 560607394 | 0.0516 | | | |
| | | | | | | RPD = 3.35 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 140049404 | 0.0510 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 433309568 | 0.0492 | | | |
| | | | | | | RPD = 3.64 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 183831298 | 0.0517 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 543364941 | 0.0511 | | | |
| | | | | | | RPD = 1.17 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 136236102 | 0.0501 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 410586360 | 0.0492 | | | |
| | | | | | | RPD = 1.72 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.167 | 7.166 | 0.001 | 154763034 | 0.0505 | | | |
| 2 | 100 | 8.920 | 8.919 | 0.001 | 443834536 | 0.0497 | | | |
| | | | | | | RPD = 1.66 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 159105955 | 0.0504 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 435205659 | 0.0492 | | | |
| | | | | | | RPD = 2.41 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.795 | 7.794 | 0.001 | 127923020 | 0.0500 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 352271817 | 0.0494 | | | |
| | | | | | | RPD = 1.23 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.899 | -0.003 | 170734885 | 0.0516 | | | |
| 2 | 100 | 9.693 | 9.694 | -0.001 | 438712389 | 0.0507 | | | |
| | | | | | | RPD = 1.74 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.361 | 8.361 | 0.000 | 135154167 | 0.0509 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 397984159 | 0.0502 | | | |
| | | | | | | RPD = 1.43 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.819 | 8.818 | 0.001 | 121885202 | 0.0499 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 347339248 | 0.0493 | | | |
| | | | | | | RPD = 1.15 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.184 | 9.185 | -0.001 | 94778920 | 0.0501 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 612304510 | 0.0494 | | | |
| | | | | | | RPD = 1.42 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.270 | 9.269 | 0.001 | 125747171 | 0.0498 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 612304510 | 0.0494 | | | |
| | | | | | | RPD = 0.68 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.706 | 0.002 | 94063674 | 0.0501 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 230209879 | 0.0493 | | | |
| | | | | | | RPD = 1.55 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.067 | 10.065 | 0.002 | 91411749 | 0.0497 | | | |
| 2 | 100 | 11.296 | 11.297 | -0.001 | 255677197 | 0.0487 | | | |
| | | | | | | RPD = 2.10 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 43925490 | 0.0500 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 112475652 | 0.0487 | | | |
| | | | | | | RPD = 2.74 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.790 | 10.789 | 0.001 | 112939831 | 0.0505 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 311526171 | 0.0490 | | | |
| | | | | | | RPD = 2.87 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.190 | 11.188 | 0.002 | 115049731 | 0.0491 | | | |
| 2 | 100 | 12.466 | 12.467 | -0.001 | 304805373 | 0.0487 | | | |
| | | | | | | RPD = 0.81 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 127747357 | 0.0500 | | | |
| 2 | 100 | 14.245 | 14.247 | -0.002 | 331430382 | 0.0488 | | | |
| | | | | | | RPD = 2.54 | | | |

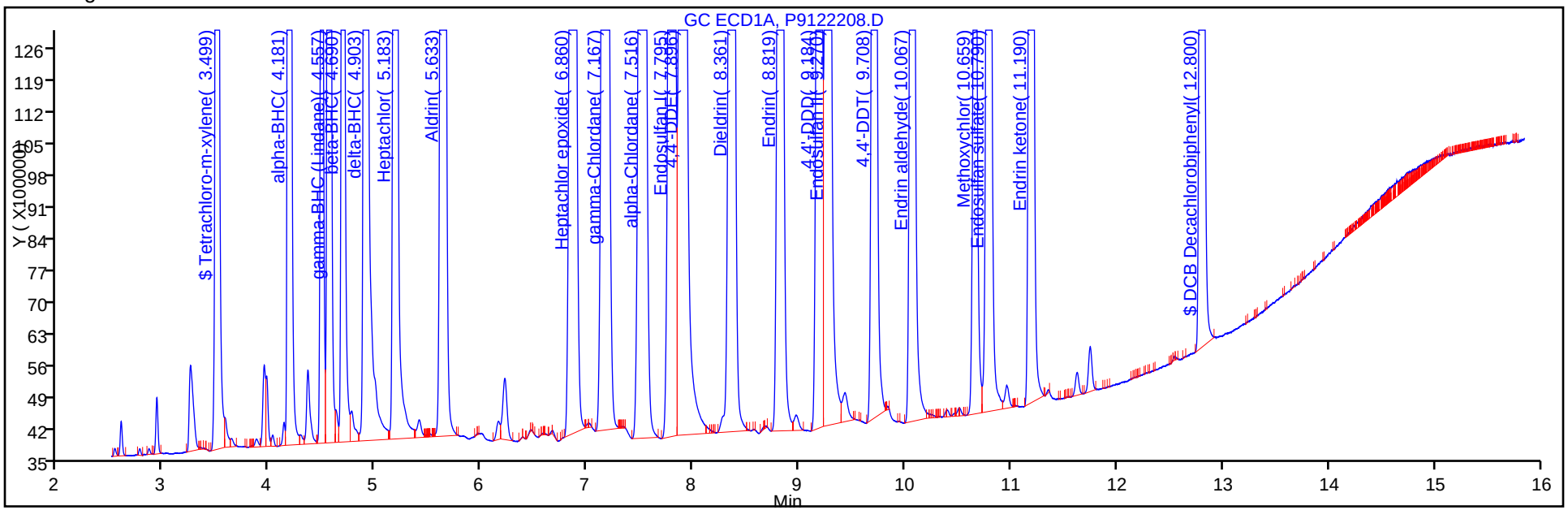
Report Date: 31-Dec-2012 10:57:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

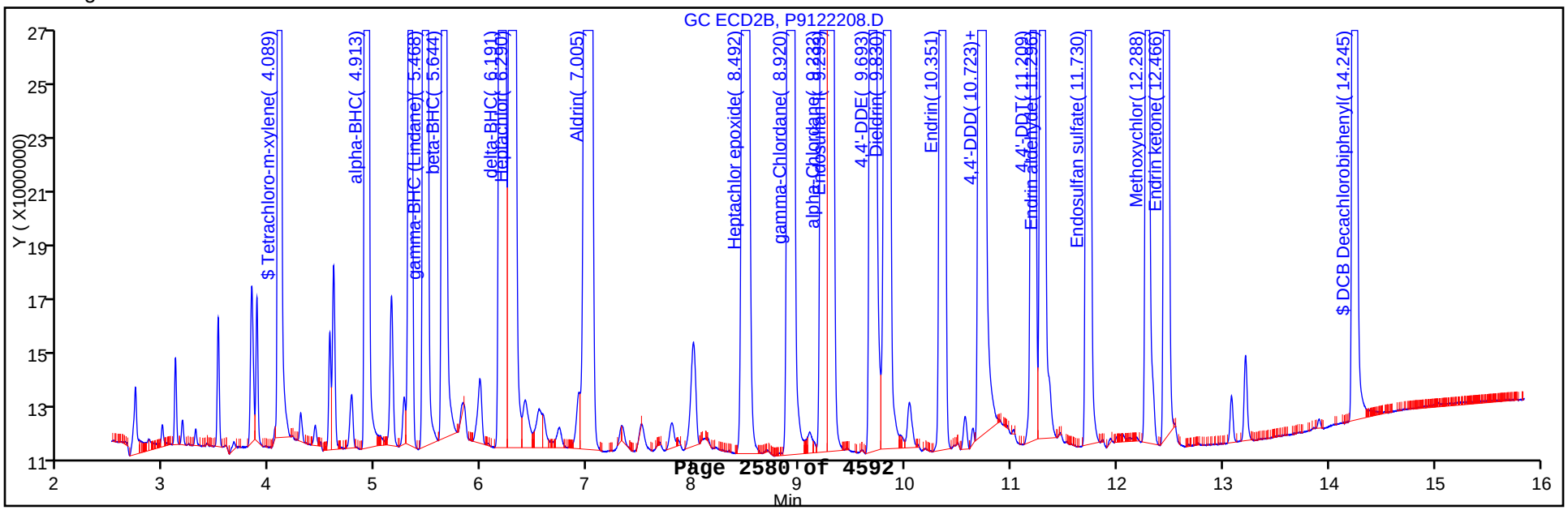
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 14:25:04 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 22-Dec-2012 14:49:15 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016122-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69893 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.499 | -0.001 | 262943294 | 0.0967 | | | |
| 2 | 100 | 4.088 | 4.089 | -0.001 | 879316557 | 0.1002 | | | |
| | | | | | | RPD = 3.55 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.180 | 4.182 | -0.002 | 381822365 | 0.1002 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 1395374427 | 0.1059 | | | |
| | | | | | | RPD = 5.50 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 308770266 | 0.0991 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 1056831643 | 0.1013 | | | |
| | | | | | | RPD = 2.21 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 130420504 | 0.0961 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 412268220 | 0.0945 | | | |
| | | | | | | RPD = 1.70 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 344231124 | 0.1020 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 1139357612 | 0.1050 | | | |
| | | | | | | RPD = 2.90 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 259452666 | 0.0946 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 832326654 | 0.0945 | | | |
| | | | | | | RPD = 0.02 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 342887671 | 0.0964 | | | |
| 2 | 100 | 7.003 | 7.005 | -0.002 | 1055509587 | 0.0993 | | | |
| | | | | | | RPD = 2.90 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.859 | 6.860 | -0.001 | 256707908 | 0.0943 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 803900629 | 0.0963 | | | |
| | | | | | | RPD = 2.11 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.166 | -0.002 | 297562677 | 0.0971 | | | |
| 2 | 100 | 8.918 | 8.919 | -0.001 | 872214824 | 0.0977 | | | |
| | | | | | | RPD = 0.53 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.513 | 7.516 | -0.003 | 304840838 | 0.0965 | | | |
| 2 | 100 | 9.231 | 9.232 | -0.001 | 861233697 | 0.0973 | | | |
| | | | | | | RPD = 0.82 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 241329662 | 0.0943 | | | |
| 2 | 100 | 9.292 | 9.294 | -0.002 | 676491548 | 0.0948 | | | |
| | | | | | | RPD = 0.55 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.899 | -0.003 | 321466589 | 0.0972 | | | |
| 2 | 100 | 9.693 | 9.694 | -0.001 | 860277310 | 0.0995 | | | |
| | | | | | | RPD = 2.33 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.358 | 8.361 | -0.003 | 258174638 | 0.0972 | | | |
| 2 | 100 | 9.828 | 9.829 | -0.001 | 775666861 | 0.0978 | | | |
| | | | | | | RPD = 0.58 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 232555056 | 0.0952 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 689393313 | 0.0979 | | | |
| | | | | | | RPD = 2.80 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.183 | 9.185 | -0.002 | 188855390 | 0.0999 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 1230378009 | 0.0993 | | | |
| | | | | | | RPD = 0.58 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.271 | 9.269 | 0.002 | 238165903 | 0.0943 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 1230378009 | 0.0993 | | | |
| | | | | | | RPD = 5.23 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.704 | 9.706 | -0.002 | 191077728 | 0.1018 | | | |
| 2 | 100 | 11.208 | 11.209 | -0.001 | 480152385 | 0.1029 | | | |
| | | | | | | RPD = 1.09 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 173556428 | 0.0944 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 503014635 | 0.0958 | | | |
| | | | | | | RPD = 1.46 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.658 | 10.659 | -0.001 | 85258072 | 0.0971 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 222930875 | 0.0965 | | | |
| | | | | | | RPD = 0.64 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.789 | -0.001 | 217508546 | 0.0972 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 641191798 | 0.1009 | | | |
| | | | | | | RPD = 3.77 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.188 | 0.001 | 219898772 | 0.0939 | | | |
| 2 | 100 | 12.466 | 12.467 | -0.001 | 610796928 | 0.0977 | | | |
| | | | | | | RPD = 3.91 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 242031398 | 0.0948 | | | |
| 2 | 100 | 14.245 | 14.247 | -0.002 | 662069990 | 0.0975 | | | |
| | | | | | | RPD = 2.76 | | | |

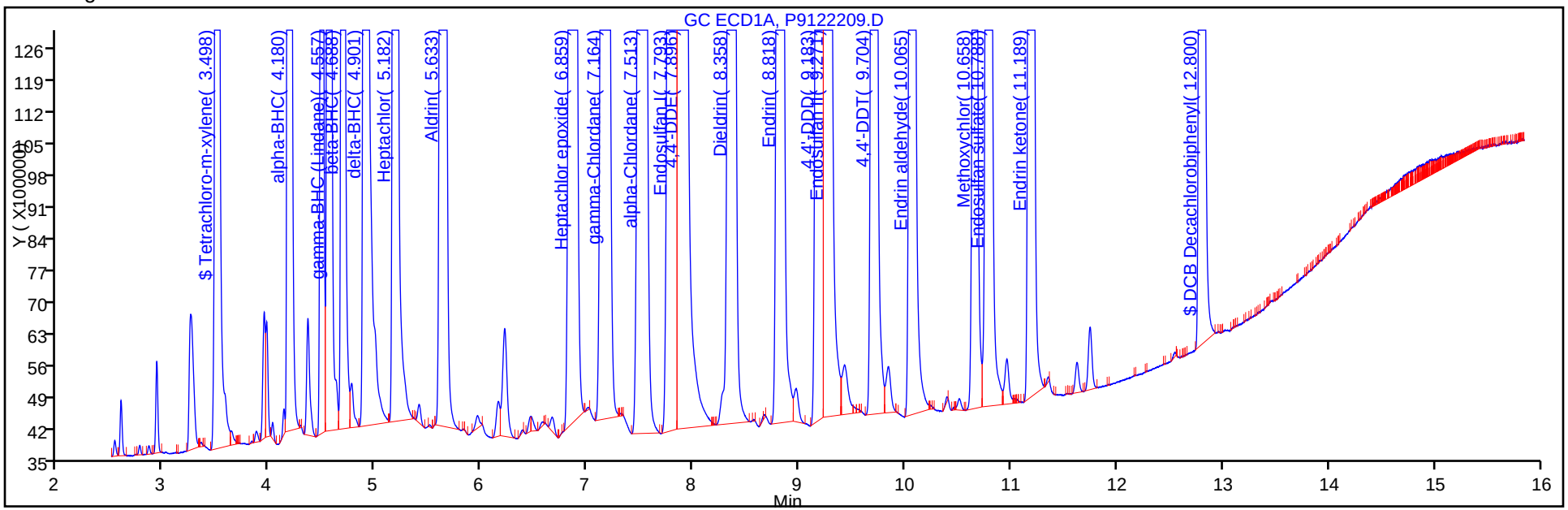
Report Date: 31-Dec-2012 10:57:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

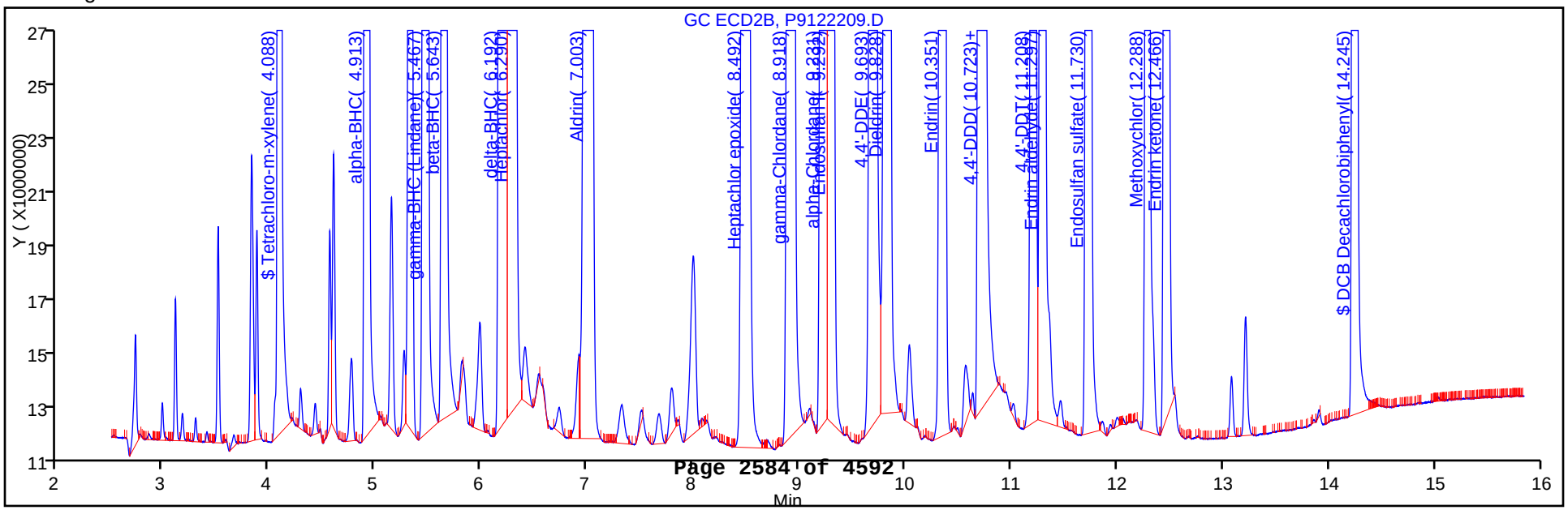
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 14:49:15 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 9 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122210.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 22-Dec-2012 15:13:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0016122-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69893 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.499 | -0.001 | 499594893 | 0.1838 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 1876708630 | 0.2139 | | | |
| | | | | | | RPD = 15.14 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 768141767 | 0.2016 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 3286719172 | 0.2494 | | | |
| | | | | | | RPD = 21.20 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.557 | -0.001 | 636231107 | 0.2042 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 2498251771 | 0.2395 | | | |
| | | | | | | RPD = 15.91 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 260444227 | 0.1920 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 915946127 | 0.2100 | | | |
| | | | | | | RPD = 8.96 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 687185120 | 0.2036 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 2630677835 | 0.2424 | | | |
| | | | | | | RPD = 17.40 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 535800491 | 0.1953 | | | |
| 2 | 100 | 6.291 | 6.289 | 0.002 | 1895283610 | 0.2153 | | | |
| | | | | | | RPD = 9.74 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 663261771 | 0.1865 | | | |
| 2 | 100 | 7.006 | 7.005 | 0.001 | 2253559642 | 0.2119 | | | |
| | | | | | | RPD = 12.75 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.859 | 6.860 | -0.001 | 520246976 | 0.1912 | | | |
| 2 | 100 | 8.491 | 8.492 | -0.001 | 1763207285 | 0.2113 | | | |
| | | | | | | RPD = 10.01 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.166 | 7.166 | 0.000 | 612435203 | 0.1999 | | | |
| 2 | 100 | 8.920 | 8.919 | 0.001 | 1967602335 | 0.2203 | | | |
| | | | | | | RPD = 9.69 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 621295183 | 0.1967 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 1914475532 | 0.2164 | | | |
| | | | | | | RPD = 9.50 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 488935665 | 0.1911 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 1495459708 | 0.2096 | | | |
| | | | | | | RPD = 9.26 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.899 | -0.003 | 643528254 | 0.1946 | | | |
| 2 | 100 | 9.693 | 9.694 | -0.001 | 1896085231 | 0.2193 | | | |
| | | | | | | RPD = 11.94 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.359 | 8.361 | -0.002 | 523169800 | 0.1971 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 1709607295 | 0.2156 | | | |
| | | | | | | RPD = 8.98 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.817 | 8.818 | -0.001 | 468447209 | 0.1917 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 1535350320 | 0.2180 | | | |
| | | | | | | RPD = 12.82 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.182 | 9.185 | -0.003 | 400866929 | 0.2121 | | | |
| 2 | 100 | 10.722 | 10.724 | -0.002 | 2795664895 | 0.2257 | | | |
| | | | | | | RPD = 6.22 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.267 | 9.269 | -0.002 | 479691393 | 0.1899 | | | |
| 2 | 100 | 10.722 | 10.724 | -0.002 | 2795664895 | 0.2257 | | | |
| | | | | | | RPD = 17.25 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.706 | 0.000 | 416361372 | 0.2218 | | | |
| 2 | 100 | 11.208 | 11.209 | -0.001 | 1150455718 | 0.2466 | | | |
| | | | | | | RPD = 10.58 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 357675806 | 0.1945 | | | |
| 2 | 100 | 11.296 | 11.297 | -0.001 | 1125612417 | 0.2143 | | | |
| | | | | | | RPD = 9.69 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.659 | -0.003 | 176718160 | 0.2013 | | | |
| 2 | 100 | 12.287 | 12.288 | -0.001 | 500747539 | 0.2167 | | | |
| | | | | | | RPD = 7.39 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.789 | 10.789 | 0.000 | 441429688 | 0.1972 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 1488435239 | 0.2342 | | | |
| | | | | | | RPD = 17.17 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.188 | 11.188 | 0.000 | 456849243 | 0.1951 | | | |
| 2 | 100 | 12.466 | 12.467 | -0.001 | 1369464177 | 0.2190 | | | |
| | | | | | | RPD = 11.52 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.802 | -0.001 | 501258059 | 0.1964 | | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 1569230971 | 0.2310 | | | |
| | | | | | | RPD = 16.21 | | | |

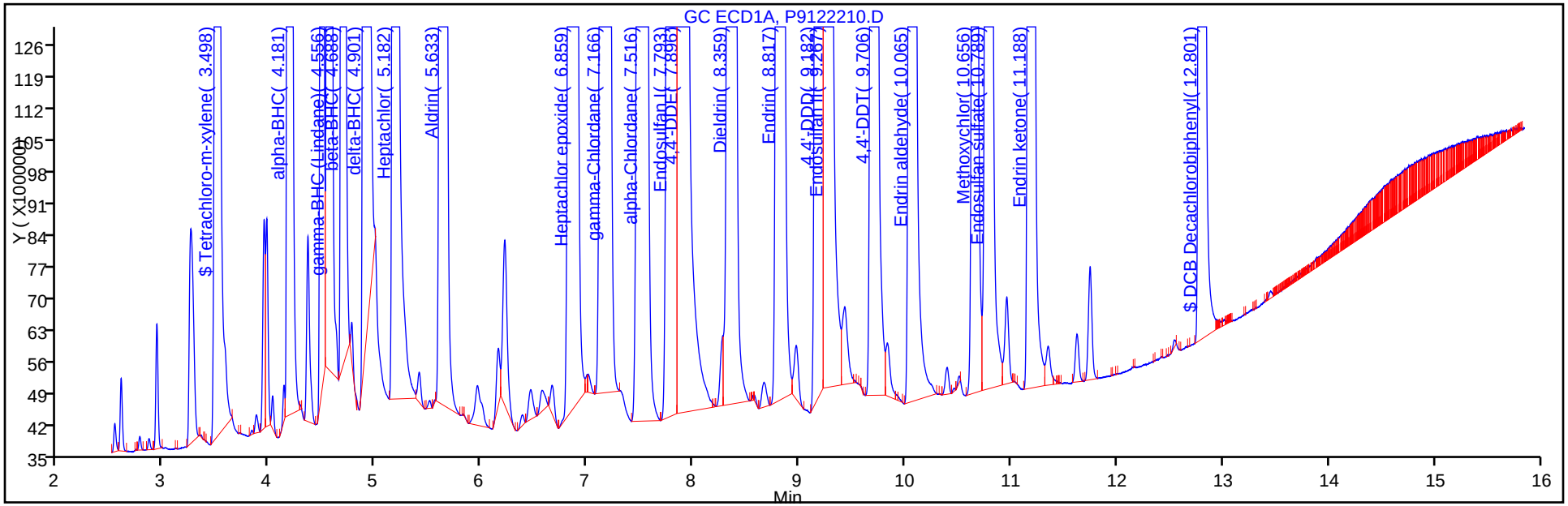
Report Date: 31-Dec-2012 10:57:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

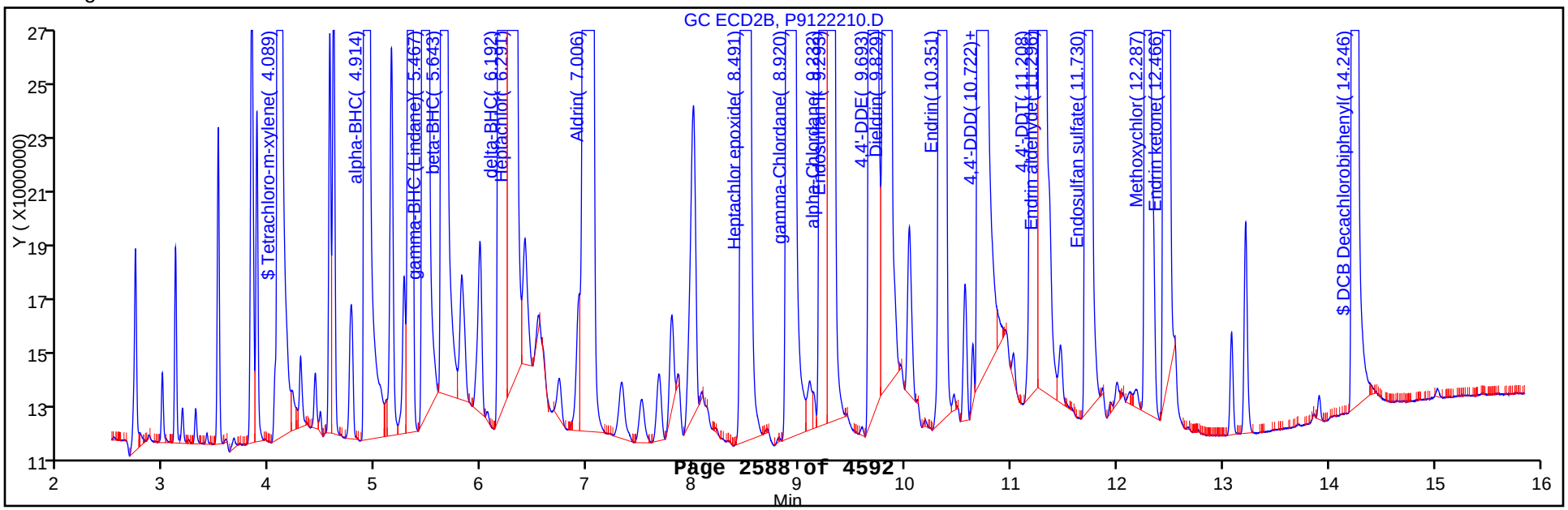
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122210.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 15:13:25 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 10 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-69893/5 | P9122205.D |
| Level 2 | STD 240-69893/6 | P9122206.D |
| Level 3 | STD 240-69893/7 | P9122207.D |
| Level 4 | STD 240-69893/8 | P9122208.D |
| Level 5 | STD 240-69893/9 | P9122209.D |
| Level 6 | STD 240-69893/10 | P9122210.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 4.913 | 4.913 | 4.913 | 4.913 | 4.913 | 4.914 | | | | | 4.883 - 4.943 | 4.913 |
| gamma-BHC (Lindane) | 5.469 | 5.468 | 5.467 | 5.468 | 5.467 | 5.467 | | | | | 5.437 - 5.497 | 5.468 |
| beta-BHC | 5.645 | 5.644 | 5.643 | 5.644 | 5.643 | 5.643 | | | | | 5.613 - 5.673 | 5.644 |
| delta-BHC | 6.192 | 6.193 | 6.192 | 6.191 | 6.192 | 6.192 | | | | | 6.162 - 6.222 | 6.192 |
| Heptachlor | 6.290 | 6.289 | 6.289 | 6.290 | 6.290 | 6.291 | | | | | 6.254 - 6.324 | 6.290 |
| Aldrin | 7.006 | 7.004 | 7.005 | 7.005 | 7.003 | 7.006 | | | | | 6.975 - 7.035 | 7.005 |
| Heptachlor epoxide | 8.492 | 8.491 | 8.492 | 8.492 | 8.492 | 8.491 | | | | | 8.462 - 8.522 | 8.492 |
| gamma-Chlordane | 8.920 | 8.919 | 8.919 | 8.920 | 8.918 | 8.920 | | | | | 8.889 - 8.949 | 8.919 |
| alpha-Chlordane | 9.233 | 9.231 | 9.232 | 9.232 | 9.231 | 9.232 | | | | | 9.202 - 9.262 | 9.232 |
| Endosulfan I | 9.293 | 9.294 | 9.294 | 9.293 | 9.292 | 9.293 | | | | | 9.264 - 9.324 | 9.293 |
| 4,4'-DDE | 9.695 | 9.695 | 9.694 | 9.693 | 9.693 | 9.693 | | | | | 9.664 - 9.724 | 9.694 |
| Dieldrin | 9.830 | 9.829 | 9.829 | 9.830 | 9.828 | 9.829 | | | | | 9.799 - 9.859 | 9.829 |
| Endrin | 10.353 | 10.351 | 10.351 | 10.351 | 10.351 | 10.351 | | | | | 10.321 - 10.381 | 10.351 |
| 4,4'-DDD | 10.726 | 10.724 | 10.724 | 10.723 | 10.723 | 10.722 | | | | | 10.694 - 10.754 | 10.724 |
| Endosulfan II | 10.726 | 10.724 | 10.724 | 10.723 | 10.723 | 10.722 | | | | | 10.694 - 10.754 | 10.724 |
| 4,4'-DDT | 11.210 | 11.209 | 11.209 | 11.209 | 11.208 | 11.208 | | | | | 11.179 - 11.239 | 11.209 |
| Endrin aldehyde | 11.297 | 11.297 | 11.297 | 11.296 | 11.297 | 11.296 | | | | | 11.267 - 11.327 | 11.297 |
| Endosulfan sulfate | 11.731 | 11.730 | 11.730 | 11.730 | 11.730 | 11.730 | | | | | 11.700 - 11.760 | 11.730 |
| Methoxychlor | 12.291 | 12.289 | 12.288 | 12.288 | 12.288 | 12.287 | | | | | 12.258 - 12.318 | 12.289 |
| Endrin ketone | 12.468 | 12.467 | 12.467 | 12.466 | 12.466 | 12.466 | | | | | 12.437 - 12.497 | 12.467 |
| Tetrachloro-m-xylene | 4.089 | 4.089 | 4.089 | 4.089 | 4.088 | 4.089 | | | | | 4.059 - 4.119 | 4.089 |
| DCB Decachlorobiphenyl | 14.246 | 14.246 | 14.247 | 14.245 | 14.245 | 14.246 | | | | | 14.217 - 14.277 | 14.246 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-69893/5 | P9122205.D |
| Level 2 | STD 240-69893/6 | P9122206.D |
| Level 3 | STD 240-69893/7 | P9122207.D |
| Level 4 | STD 240-69893/8 | P9122208.D |
| Level 5 | STD 240-69893/9 | P9122209.D |
| Level 6 | STD 240-69893/10 | P9122210.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1189873620<br>1395374427<br>0 | 1081179270<br>1643359586<br>0 | 1235304864<br>0 | 1361174730<br>0 | Ave | | 1.31771<br>E+010 | | | | 15.0 | | 20.0 | | | |
| gamma-BHC (Lindane) | 9975941400<br>1056831643<br>0 | 9123783400<br>1249125885<br>5 | 9933049440 | 1049255672<br>0 | Ave | | 1.04308<br>E+010 | | | | 11.0 | | 20.0 | | | |
| beta-BHC | 4769396000<br>4122682200 | 4155851300<br>4579730635 | 4281879840 | 4265292140 | Ave | | 4362472019 | | | | 5.9 | | 20.0 | | | |
| delta-BHC | 9882028800<br>1139357612<br>0 | 9194124100<br>1315338917<br>5 | 1029303712<br>0 | 1121214788<br>0 | Ave | | 1.08547<br>E+010 | | | | 13.0 | | 20.0 | | | |
| Heptachlor | 9337439400<br>8323266540 | 8555787200<br>9476418050 | 8467261680 | 8666191360 | Ave | | 8804394038 | | | | 5.5 | | 20.0 | | | |
| Aldrin | 1122928160<br>1055509587<br>0 | 9603664100<br>1126779821<br>0 | 1027400860<br>0 | 1086729882<br>0 | Ave | | 1.06329<br>E+010 | | | | 6.0 | | 20.0 | | | |
| Heptachlor epoxide | 8823344200<br>8039006290 | 7975644700<br>8816036425 | 8196311560 | 8211727200 | Ave | | 8343678396 | | | | 4.5 | | 20.0 | | | |
| gamma-Chlordane | 9373692800<br>8722148240 | 8173258000<br>9838011675 | 8604838760 | 8876690720 | Ave | | 8931440033 | | | | 6.6 | | 20.0 | | | |
| alpha-Chlordane | 9493286600<br>8612336970 | 8177064100<br>9572377660 | 8533358280 | 8704113180 | Ave | | 8848756132 | | | | 6.3 | | 20.0 | | | |
| Endosulfan I | 7622305600<br>6764915480 | 6971980900<br>7477298540 | 6916922840 | 7045436340 | Ave | | 7133143283 | | | | 4.7 | | 20.0 | | | |
| 4,4'-DDE | 9022663800<br>8602773100 | 7795325200<br>9480426155 | 8194547840 | 8774247780 | Ave | | 8644997313 | | | | 6.9 | | 20.0 | | | |
| Dieldrin | 8177585600<br>7756668610 | 7470432100<br>8548036475 | 7670588400 | 7959683180 | Ave | | 7930499061 | | | | 4.9 | | 20.0 | | | |
| Endrin | 7200479200<br>6893933130 | 6698976500<br>7676751600 | 6849057760 | 6946784960 | Ave | | 7044330525 | | | | 5.0 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2<br>LVL 6 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| 4,4'-DDD | 1228999560<br>1230378009<br>0 | 1148339980<br>1397832447<br>5 | 1202008460<br>0 | 1224609020<br>0 | Ave | | 1.23869<br>E+010 | | | | 6.8 | | 20.0 | | | |
| Endosulfan II | 1228999560<br>1230378009<br>0 | 1148339980<br>1397832447<br>5 | 1202008460<br>0 | 1224609020<br>0 | Ave | | 1.23869<br>E+010 | | | | 6.8 | | 20.0 | | | |
| 4,4'-DDT | 4317766200<br>4801523850 | 4068224300<br>5752278590 | 4449151000 | 4604197580 | Ave | | 4665523587 | | | | 13.0 | | 20.0 | | | |
| Endrin aldehyde | 5543939800<br>5030146350 | 5047226200<br>5628062085 | 5147836600 | 5113543940 | Ave | | 5251792496 | | | | 5.0 | | 20.0 | | | |
| Endosulfan sulfate | 6209809200<br>6411917980 | 5779562800<br>7442176195 | 6051652080 | 6230523420 | Ave | | 6354273613 | | | | 9.0 | | 20.0 | | | |
| Methoxychlor | 2341485200<br>2229308750 | 2227124200<br>2503737695 | 2310665040 | 2249513040 | Ave | | 2310305654 | | | | 4.6 | | 20.0 | | | |
| Endrin ketone | 6382267800<br>6107969280 | 5948579900<br>6847320885 | 6140329720 | 6096107460 | Ave | | 6253762508 | | | | 5.2 | | 20.0 | | | |
| Tetrachloro-m-xylene | 9076071600<br>8793165570 | 7913132000<br>9383543150 | 8522204320 | 8964663680 | Ave | | 8775463387 | | | | 5.8 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 7127785400<br>6620699900 | 6265402600<br>7846154855 | 6269587600 | 6628607640 | Ave | | 6793039666 | | | | 8.9 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD 240-69893/5 | P9122205.D |
| Level 2 | STD 240-69893/6 | P9122206.D |
| Level 3 | STD 240-69893/7 | P9122207.D |
| Level 4 | STD 240-69893/8 | P9122208.D |
| Level 5 | STD 240-69893/9 | P9122209.D |
| Level 6 | STD 240-69893/10 | P9122210.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | Ave | 59493681<br>3286719172 | 108117927 | 308826216 | 680587365 | 1395374427 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-BHC (Lindane) | Ave | 49879707<br>2498251771 | 91237834 | 248326236 | 524627836 | 1056831643 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| beta-BHC | Ave | 23846980<br>915946127 | 41558513 | 107046996 | 213264607 | 412268220 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| delta-BHC | Ave | 49410144<br>2630677835 | 91941241 | 257325928 | 560607394 | 1139357612 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor | Ave | 46687197<br>1895283610 | 85557872 | 211681542 | 433309568 | 832326654 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Aldrin | Ave | 56146408<br>2253559642 | 96036641 | 256850215 | 543364941 | 1055509587 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Heptachlor epoxide | Ave | 44116721<br>1763207285 | 79756447 | 204907789 | 410586360 | 803900629 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| gamma-Chlordane | Ave | 46868464<br>1967602335 | 81732580 | 215120969 | 443834536 | 872214824 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| alpha-Chlordane | Ave | 47466433<br>1914475532 | 81770641 | 213333957 | 435205659 | 861233697 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan I | Ave | 38111528<br>1495459708 | 69719809 | 172923071 | 352271817 | 676491548 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDE | Ave | 45113319<br>1896085231 | 77953252 | 204863696 | 438712389 | 860277310 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Dieldrin | Ave | 40887928<br>1709607295 | 74704321 | 191764710 | 397984159 | 775666861 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin | Ave | 36002396<br>1535350320 | 66989765 | 171226444 | 347339248 | 689393313 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDD | Ave | 61449978<br>2795664895 | 114833998 | 300502115 | 612304510 | 1230378009 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan II | Ave | 61449978<br>2795664895 | 114833998 | 300502115 | 612304510 | 1230378009 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| 4,4'-DDT | Ave | 21588831<br>1150455718 | 40682243 | 111228775 | 230209879 | 480152385 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (NG/UL) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Endrin aldehyde | Ave | 27719699<br>1125612417 | 50472262 | 128695915 | 255677197 | 503014635 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endosulfan sulfate | Ave | 31049046<br>1488435239 | 57795628 | 151291302 | 311526171 | 641191798 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Methoxychlor | Ave | 11707426<br>500747539 | 22271242 | 57766626 | 112475652 | 222930875 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Endrin ketone | Ave | 31911339<br>1369464177 | 59485799 | 153508243 | 304805373 | 610796928 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| Tetrachloro-m-xylene | Ave | 45380358<br>1876708630 | 79131320 | 213055108 | 448233184 | 879316557 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |
| DCB Decachlorobiphenyl | Ave | 35638927<br>1569230971 | 62654026 | 156739690 | 331430382 | 662069990 | 0.00500<br>0.200 | 0.0100 | 0.0250 | 0.0500 | 0.100 |

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 22-Dec-2012 13:11:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016122-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69893 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:42 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:43:55

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.499 | 0.002 | 14876952 | 0.005472 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 45380358 | 0.005171 | | | |
| | | | | | | RPD = 5.65 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.182 | 0.000 | 19198584 | 0.005039 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 59493681 | 0.004515 | | | |
| | | | | | | RPD = 10.98 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.557 | 0.002 | 15835136 | 0.005083 | | | |
| 2 | 100 | 5.469 | 5.467 | 0.002 | 49879707 | 0.004782 | | | |
| | | | | | | RPD = 6.10 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.689 | 0.002 | 7433863 | 0.005479 | | | |
| 2 | 100 | 5.645 | 5.643 | 0.002 | 23846980 | 0.005466 | | | |
| | | | | | | RPD = 0.23 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.902 | 0.003 | 16338833 | 0.004840 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 49410144 | 0.004552 | | | |
| | | | | | | RPD = 6.13 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.185 | 5.183 | 0.002 | 14339751 | 0.005226 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 46687197 | 0.005303 | | | |
| | | | | | | RPD = 1.45 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.633 | 0.003 | 19496658 | 0.005483 | | | |
| 2 | 100 | 7.006 | 7.005 | 0.001 | 56146408 | 0.005280 | | | |
| | | | | | | RPD = 3.77 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.864 | 6.860 | 0.004 | 14666892 | 0.005390 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 44116721 | 0.005287 | | | |
| | | | | | | RPD = 1.92 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.168 | 7.166 | 0.002 | 16010600 | 0.005227 | | | |
| 2 | 100 | 8.920 | 8.919 | 0.001 | 46868464 | 0.005248 | | | |
| | | | | | | RPD = 0.40 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.519 | 7.516 | 0.003 | 16863525 | 0.005340 | | | |
| 2 | 100 | 9.233 | 9.232 | 0.001 | 47466433 | 0.005364 | | | |
| | | | | | | RPD = 0.45 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.797 | 7.794 | 0.003 | 13812512 | 0.005398 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 38111528 | 0.005343 | | | |
| | | | | | | RPD = 1.03 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.902 | 7.899 | 0.003 | 17790961 | 0.005381 | | | |
| 2 | 100 | 9.695 | 9.694 | 0.001 | 45113319 | 0.005218 | | | |
| | | | | | | RPD = 3.06 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.362 | 8.361 | 0.001 | 13723546 | 0.005169 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 40887928 | 0.005156 | | | |
| | | | | | | RPD = 0.26 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.820 | 8.818 | 0.002 | 13026927 | 0.005331 | | | |
| 2 | 100 | 10.353 | 10.351 | 0.002 | 36002396 | 0.005111 | | | |
| | | | | | | RPD = 4.21 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.191 | 9.185 | 0.006 | 9360303 | 0.004952 | | | |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 61449978 | 0.004961 | | | |
| | | | | | | RPD = 0.18 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.273 | 9.269 | 0.004 | 13592507 | 0.005380 | | | |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 61449978 | 0.004961 | | | |
| | | | | | | RPD = 8.10 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.706 | 0.003 | 8788628 | 0.004682 | | | |
| 2 | 100 | 11.210 | 11.209 | 0.001 | 21588831 | 0.004627 | | | |
| | | | | | | RPD = 1.18 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.068 | 10.065 | 0.003 | 9652425 | 0.005250 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 27719699 | 0.005278 | | | |
| | | | | | | RPD = 0.54 | | | |
| 27 Methoxychlor | | | | | | | | | M |
| 1 | 100 | 10.664 | 10.659 | 0.005 | 4568164 | 0.005204 | | | M |
| 2 | 100 | 12.291 | 12.288 | 0.003 | 11707426 | 0.005067 | | | |
| | | | | | | RPD = 2.65 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | M |
| 1 | 100 | 10.791 | 10.789 | 0.002 | 11654753 | 0.005207 | | | M |
| 2 | 100 | 11.731 | 11.730 | 0.001 | 31049046 | 0.004886 | | | |
| | | | | | | RPD = 6.35 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.191 | 11.188 | 0.003 | 12592046 | 0.005378 | | | |
| 2 | 100 | 12.468 | 12.467 | 0.001 | 31911339 | 0.005103 | | | |
| | | | | | | RPD = 5.25 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.802 | 12.802 | 0.000 | 13801192 | 0.005406 | | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 35638927 | 0.005246 | | | |
| | | | | | | RPD = 3.00 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

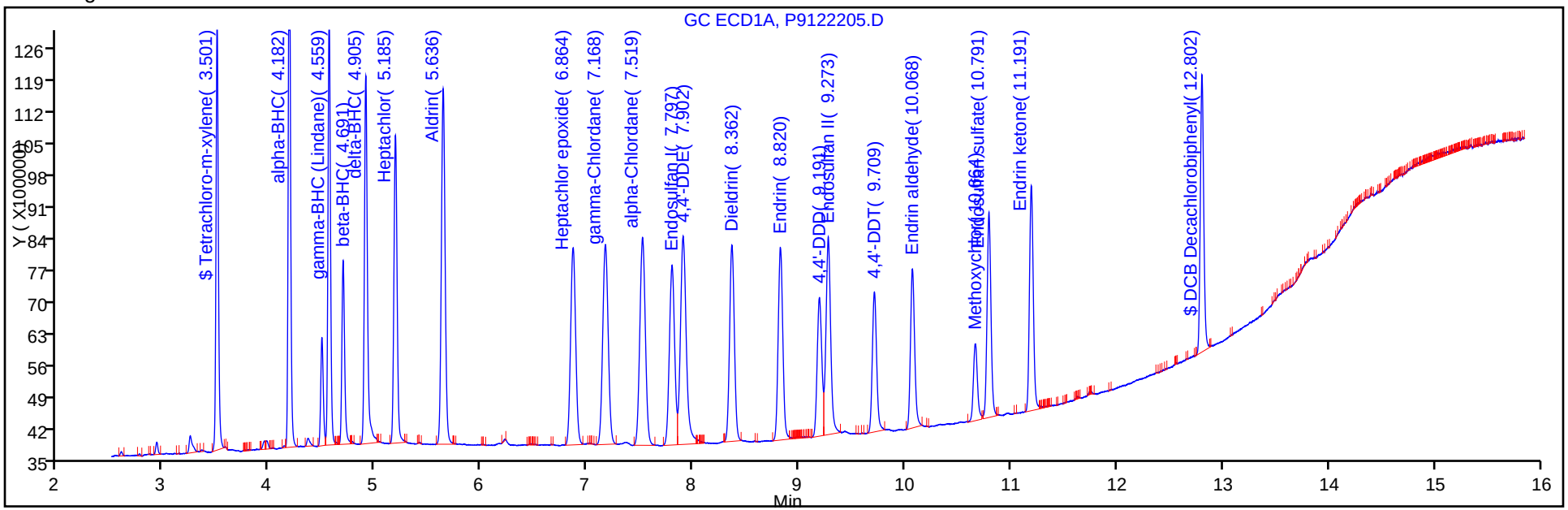
Report Date: 31-Dec-2012 10:57:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

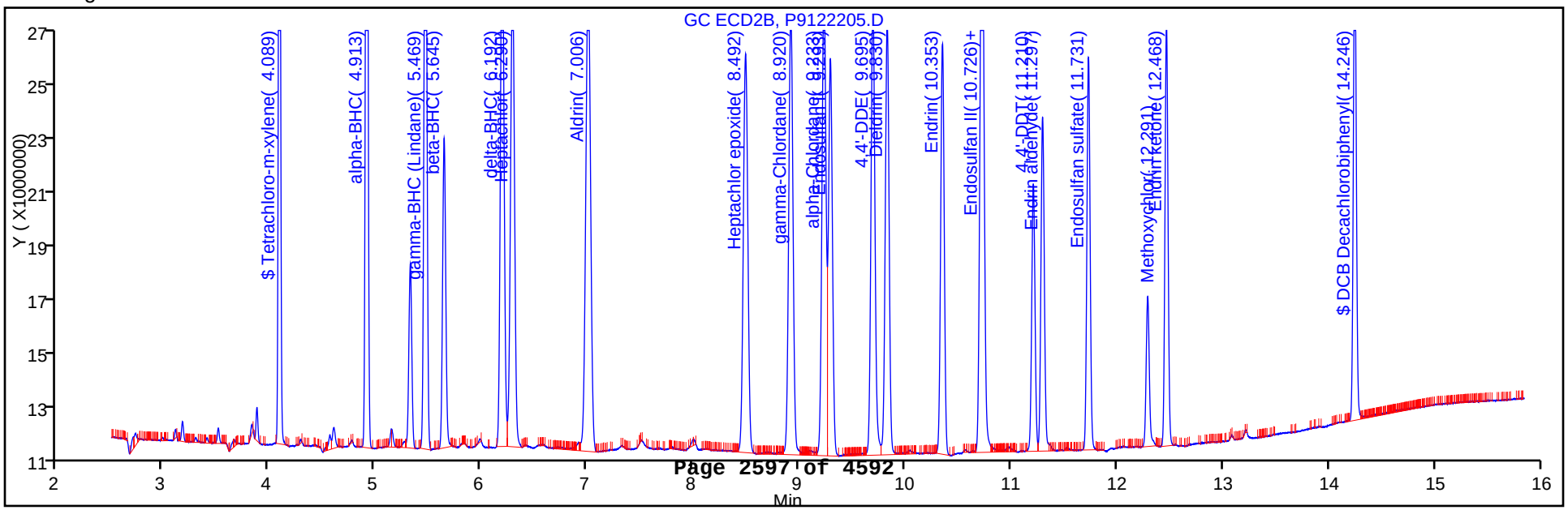
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 13:11:51 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 22-Dec-2012 13:36:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016122-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 69893 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:45 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 26327788 | 0.009683 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 79131320 | 0.009017 | | | |
| | | | | | | RPD = 7.12 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 34886846 | 0.009157 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 108117927 | 0.008205 | | | |
| | | | | | | RPD = 10.97 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.557 | -0.001 | 29063438 | 0.009328 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 91237834 | 0.008747 | | | |
| | | | | | | RPD = 6.43 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 13074397 | 0.009636 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 41558513 | 0.009526 | | | |
| | | | | | | RPD = 1.15 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 30560456 | 0.009053 | | | |
| 2 | 100 | 6.193 | 6.192 | 0.001 | 91941241 | 0.008470 | | | |
| | | | | | | RPD = 6.65 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 27244771 | 0.0099 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 85557872 | 0.009718 | | | |
| | | | | | | RPD = 2.16 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 33780499 | 0.009501 | | | |
| 2 | 100 | 7.004 | 7.005 | -0.001 | 96036641 | 0.009032 | | | |
| | | | | | | RPD = 5.06 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.859 | 6.860 | -0.001 | 26912312 | 0.009890 | | | |
| 2 | 100 | 8.491 | 8.492 | -0.001 | 79756447 | 0.009559 | | | |
| | | | | | | RPD = 3.40 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.166 | -0.002 | 29253149 | 0.009550 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 81732580 | 0.009151 | | | |
| | | | | | | RPD = 4.26 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.515 | 7.516 | -0.001 | 30186393 | 0.009559 | | | |
| 2 | 100 | 9.231 | 9.232 | -0.001 | 81770641 | 0.009241 | | | |
| | | | | | | RPD = 3.38 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 25601378 | 0.0100 | | | |
| 2 | 100 | 9.294 | 9.294 | 0.000 | 69719809 | 0.009774 | | | |
| | | | | | | RPD = 2.34 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.899 | 7.899 | 0.000 | 31101680 | 0.009406 | | | |
| 2 | 100 | 9.695 | 9.694 | 0.001 | 77953252 | 0.009017 | | | |
| | | | | | | RPD = 4.22 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.360 | 8.361 | -0.001 | 25715668 | 0.009686 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 74704321 | 0.009420 | | | |
| | | | | | | RPD = 2.79 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.819 | 8.818 | 0.001 | 24487399 | 0.0100 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 66989765 | 0.009510 | | | |
| | | | | | | RPD = 5.23 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.185 | 9.185 | 0.000 | 17812061 | 0.009423 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 114833998 | 0.009271 | | | |
| | | | | | | RPD = 1.63 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 25553486 | 0.0101 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 114833998 | 0.009271 | | | |
| | | | | | | RPD = 8.70 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.706 | -0.001 | 17254121 | 0.009192 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 40682243 | 0.008720 | | | |
| | | | | | | RPD = 5.27 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 18487207 | 0.0101 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 50472262 | 0.009610 | | | |
| | | | | | | RPD = 4.52 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.659 | 0.001 | 8343222 | 0.009504 | | | |
| 2 | 100 | 12.289 | 12.288 | 0.001 | 22271242 | 0.009640 | | | |
| | | | | | | RPD = 1.42 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.789 | -0.001 | 21604981 | 0.009652 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 57795628 | 0.009096 | | | |
| | | | | | | RPD = 5.94 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.188 | 0.001 | 23440569 | 0.0100 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 59485799 | 0.009512 | | | |
| | | | | | | RPD = 5.12 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.802 | -0.001 | 25086227 | 0.009827 | | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 62654026 | 0.009223 | | | |
| | | | | | | RPD = 6.34 | | | |

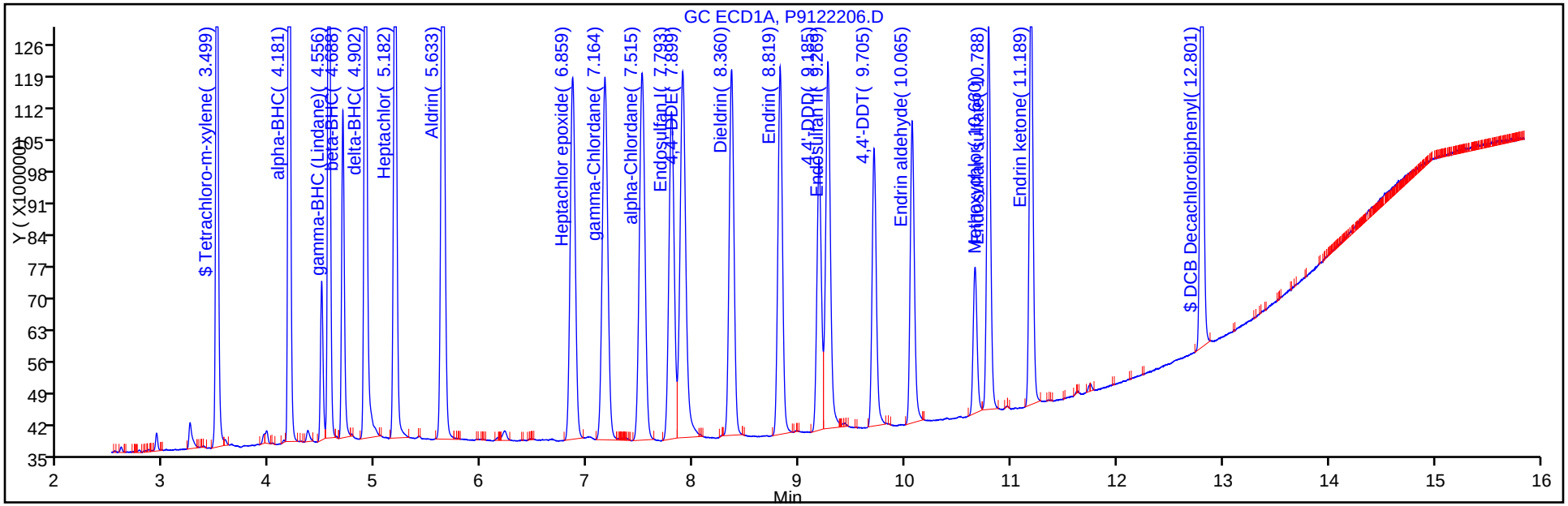
Report Date: 31-Dec-2012 10:57:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

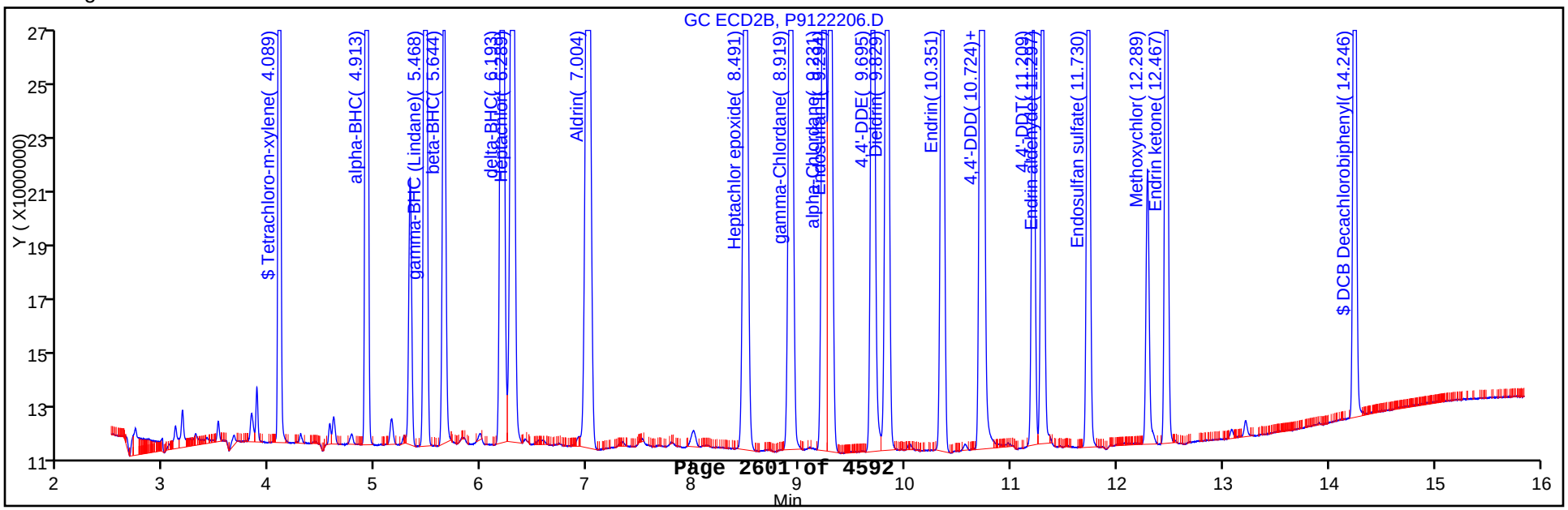
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 13:36:04 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 6 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 22-Dec-2012 14:00:36 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0016122-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69893 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:47 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 69709157 | 0.0256 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 213055108 | 0.0243 | | | |
| | | | | | | RPD = 5.45 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.182 | 0.000 | 97225606 | 0.0255 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 308826216 | 0.0234 | | | |
| | | | | | | RPD = 8.51 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 78811637 | 0.0253 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 248326236 | 0.0238 | | | |
| | | | | | | RPD = 6.07 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.689 | 4.689 | 0.000 | 33801404 | 0.0249 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 107046996 | 0.0245 | | | |
| | | | | | | RPD = 1.51 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 86186043 | 0.0255 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 257325928 | 0.0237 | | | |
| | | | | | | RPD = 7.41 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 69900088 | 0.0255 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 211681542 | 0.0240 | | | |
| | | | | | | RPD = 5.79 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 90861079 | 0.0256 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 256850215 | 0.0242 | | | |
| | | | | | | RPD = 5.62 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 70250045 | 0.0258 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 204907789 | 0.0246 | | | |
| | | | | | | RPD = 4.99 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.166 | 7.166 | 0.000 | 77967213 | 0.0255 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 215120969 | 0.0241 | | | |
| | | | | | | RPD = 5.52 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 80484307 | 0.0255 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 213333957 | 0.0241 | | | |
| | | | | | | RPD = 5.55 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.794 | 7.794 | 0.000 | 65322703 | 0.0255 | | | |
| 2 | 100 | 9.294 | 9.294 | 0.000 | 172923071 | 0.0242 | | | |
| | | | | | | RPD = 5.17 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.899 | 7.899 | 0.000 | 83092449 | 0.0251 | | | |
| 2 | 100 | 9.694 | 9.694 | 0.000 | 204863696 | 0.0237 | | | |
| | | | | | | RPD = 5.87 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.361 | 8.361 | 0.000 | 67816390 | 0.0255 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 191764710 | 0.0242 | | | |
| | | | | | | RPD = 5.48 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 62577723 | 0.0256 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 171226444 | 0.0243 | | | |
| | | | | | | RPD = 5.21 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.185 | 9.185 | 0.000 | 47494586 | 0.0251 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 300502115 | 0.0243 | | | |
| | | | | | | RPD = 3.51 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 64766416 | 0.0256 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 300502115 | 0.0243 | | | |
| | | | | | | RPD = 5.51 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.706 | 0.000 | 47639175 | 0.0254 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 111228775 | 0.0238 | | | |
| | | | | | | RPD = 6.25 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 47518950 | 0.0258 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 128695915 | 0.0245 | | | |
| | | | | | | RPD = 5.32 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 22616034 | 0.0258 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 57766626 | 0.0250 | | | |
| | | | | | | RPD = 2.99 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.789 | 10.789 | 0.000 | 57448097 | 0.0257 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 151291302 | 0.0238 | | | |
| | | | | | | RPD = 7.50 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.188 | 11.188 | 0.000 | 60034966 | 0.0256 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 153508243 | 0.0245 | | | |
| | | | | | | RPD = 4.36 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.802 | 12.802 | 0.000 | 64152269 | 0.0251 | | | |
| 2 | 100 | 14.247 | 14.247 | 0.000 | 156739690 | 0.0231 | | | |
| | | | | | | RPD = 8.53 | | | |

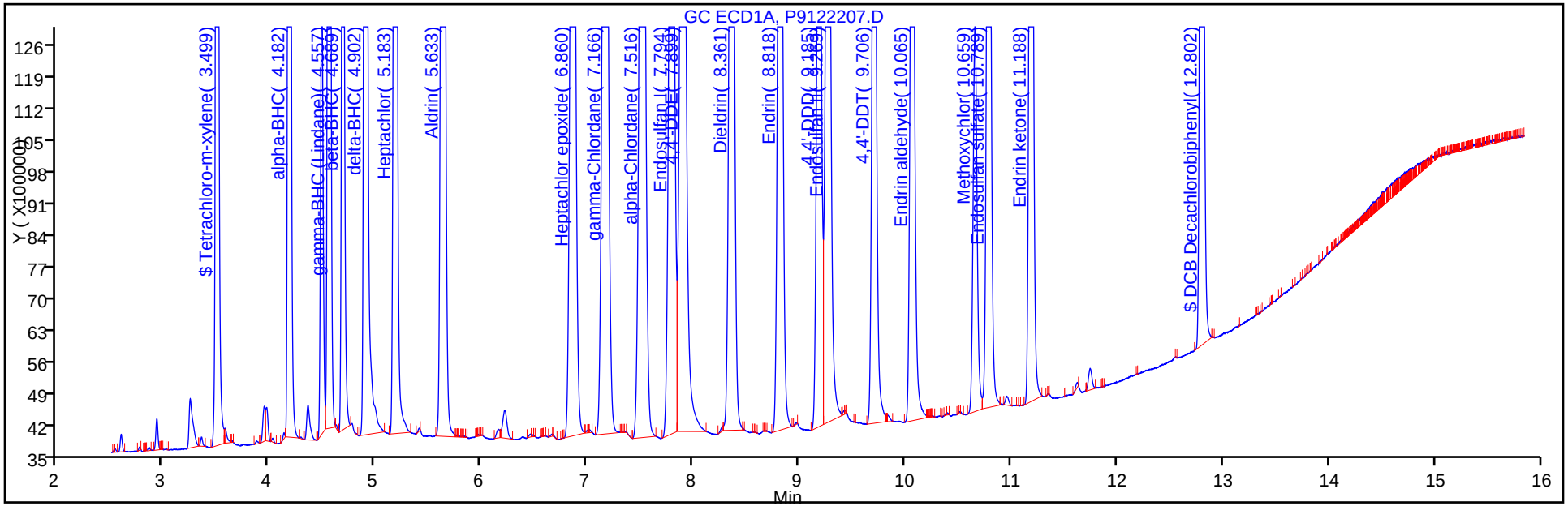
Report Date: 31-Dec-2012 10:57:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

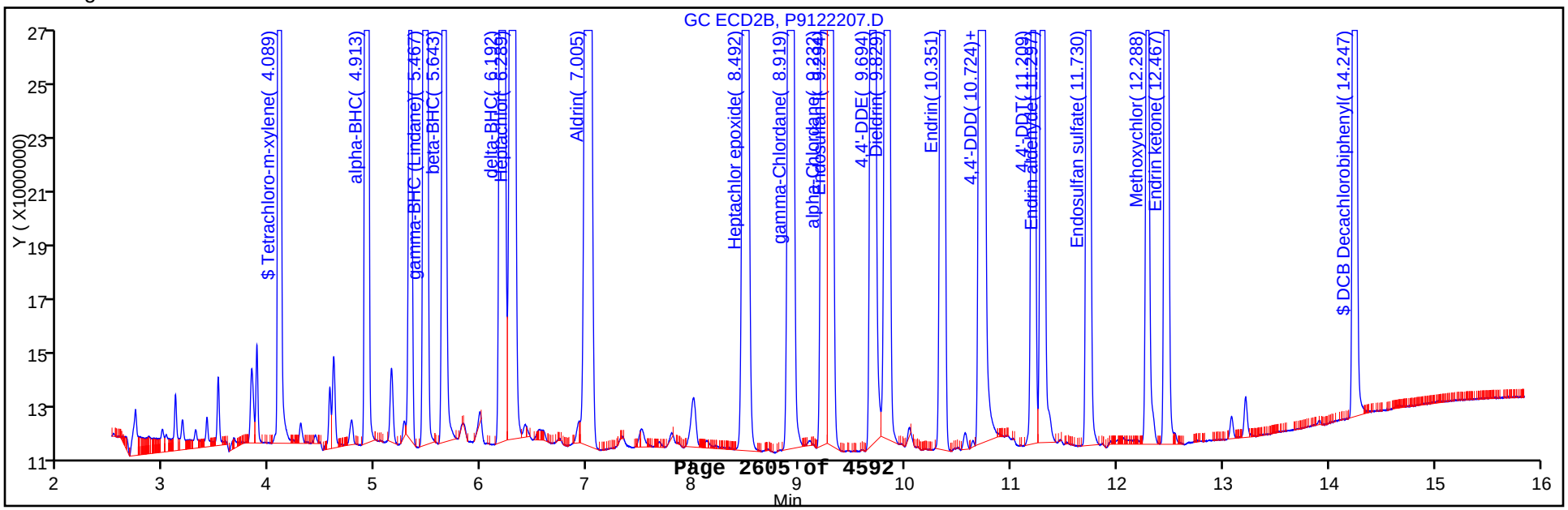
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 14:00:36 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 7 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 22-Dec-2012 14:25:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0016122-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69893 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:50 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 139462966 | 0.0513 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 448233184 | 0.0511 | | | |
| | | | | | | RPD = 0.42 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 199128378 | 0.0523 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 680587365 | 0.0516 | | | |
| | | | | | | RPD = 1.19 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 159933798 | 0.0513 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 524627836 | 0.0503 | | | |
| | | | | | | RPD = 2.04 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.689 | 0.001 | 69404387 | 0.0512 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 213264607 | 0.0489 | | | |
| | | | | | | RPD = 4.53 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.903 | 4.902 | 0.001 | 180298876 | 0.0534 | | | |
| 2 | 100 | 6.191 | 6.192 | -0.001 | 560607394 | 0.0516 | | | |
| | | | | | | RPD = 3.35 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 140049404 | 0.0510 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 433309568 | 0.0492 | | | |
| | | | | | | RPD = 3.64 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 183831298 | 0.0517 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 543364941 | 0.0511 | | | |
| | | | | | | RPD = 1.17 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 136236102 | 0.0501 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 410586360 | 0.0492 | | | |
| | | | | | | RPD = 1.72 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.167 | 7.166 | 0.001 | 154763034 | 0.0505 | | | |
| 2 | 100 | 8.920 | 8.919 | 0.001 | 443834536 | 0.0497 | | | |
| | | | | | | RPD = 1.66 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 159105955 | 0.0504 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 435205659 | 0.0492 | | | |
| | | | | | | RPD = 2.41 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.795 | 7.794 | 0.001 | 127923020 | 0.0500 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 352271817 | 0.0494 | | | |
| | | | | | | RPD = 1.23 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.899 | -0.003 | 170734885 | 0.0516 | | | |
| 2 | 100 | 9.693 | 9.694 | -0.001 | 438712389 | 0.0507 | | | |
| | | | | | | RPD = 1.74 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.361 | 8.361 | 0.000 | 135154167 | 0.0509 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 397984159 | 0.0502 | | | |
| | | | | | | RPD = 1.43 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.819 | 8.818 | 0.001 | 121885202 | 0.0499 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 347339248 | 0.0493 | | | |
| | | | | | | RPD = 1.15 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.184 | 9.185 | -0.001 | 94778920 | 0.0501 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 612304510 | 0.0494 | | | |
| | | | | | | RPD = 1.42 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.270 | 9.269 | 0.001 | 125747171 | 0.0498 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 612304510 | 0.0494 | | | |
| | | | | | | RPD = 0.68 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.706 | 0.002 | 94063674 | 0.0501 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 230209879 | 0.0493 | | | |
| | | | | | | RPD = 1.55 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.067 | 10.065 | 0.002 | 91411749 | 0.0497 | | | |
| 2 | 100 | 11.296 | 11.297 | -0.001 | 255677197 | 0.0487 | | | |
| | | | | | | RPD = 2.10 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 43925490 | 0.0500 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 112475652 | 0.0487 | | | |
| | | | | | | RPD = 2.74 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.790 | 10.789 | 0.001 | 112939831 | 0.0505 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 311526171 | 0.0490 | | | |
| | | | | | | RPD = 2.87 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.190 | 11.188 | 0.002 | 115049731 | 0.0491 | | | |
| 2 | 100 | 12.466 | 12.467 | -0.001 | 304805373 | 0.0487 | | | |
| | | | | | | RPD = 0.81 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 127747357 | 0.0500 | | | |
| 2 | 100 | 14.245 | 14.247 | -0.002 | 331430382 | 0.0488 | | | |
| | | | | | | RPD = 2.54 | | | |

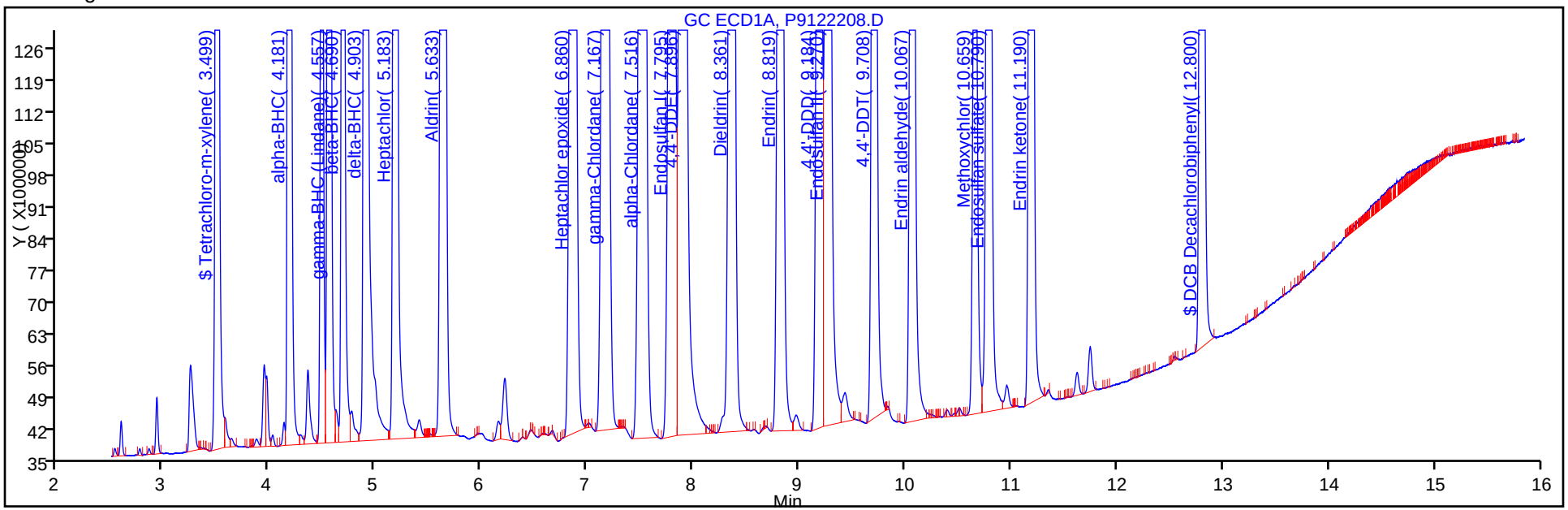
Report Date: 31-Dec-2012 10:57:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

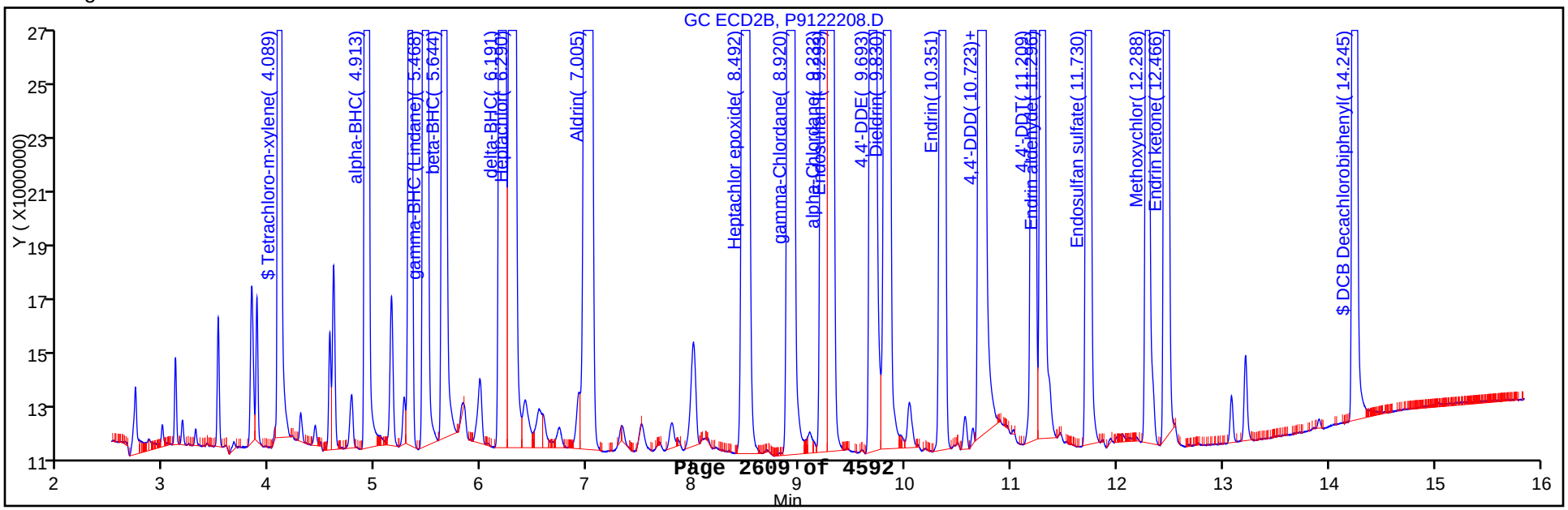
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 14:25:04 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 22-Dec-2012 14:49:15 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016122-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69893 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.499 | -0.001 | 262943294 | 0.0967 | | | |
| 2 | 100 | 4.088 | 4.089 | -0.001 | 879316557 | 0.1002 | | | |
| | | | | | | RPD = 3.55 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.180 | 4.182 | -0.002 | 381822365 | 0.1002 | | | |
| 2 | 100 | 4.913 | 4.913 | 0.000 | 1395374427 | 0.1059 | | | |
| | | | | | | RPD = 5.50 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 308770266 | 0.0991 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 1056831643 | 0.1013 | | | |
| | | | | | | RPD = 2.21 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 130420504 | 0.0961 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 412268220 | 0.0945 | | | |
| | | | | | | RPD = 1.70 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 344231124 | 0.1020 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 1139357612 | 0.1050 | | | |
| | | | | | | RPD = 2.90 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 259452666 | 0.0946 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 832326654 | 0.0945 | | | |
| | | | | | | RPD = 0.02 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 342887671 | 0.0964 | | | |
| 2 | 100 | 7.003 | 7.005 | -0.002 | 1055509587 | 0.0993 | | | |
| | | | | | | RPD = 2.90 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.859 | 6.860 | -0.001 | 256707908 | 0.0943 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 803900629 | 0.0963 | | | |
| | | | | | | RPD = 2.11 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.166 | -0.002 | 297562677 | 0.0971 | | | |
| 2 | 100 | 8.918 | 8.919 | -0.001 | 872214824 | 0.0977 | | | |
| | | | | | | RPD = 0.53 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.513 | 7.516 | -0.003 | 304840838 | 0.0965 | | | |
| 2 | 100 | 9.231 | 9.232 | -0.001 | 861233697 | 0.0973 | | | |
| | | | | | | RPD = 0.82 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 241329662 | 0.0943 | | | |
| 2 | 100 | 9.292 | 9.294 | -0.002 | 676491548 | 0.0948 | | | |
| | | | | | | RPD = 0.55 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.899 | -0.003 | 321466589 | 0.0972 | | | |
| 2 | 100 | 9.693 | 9.694 | -0.001 | 860277310 | 0.0995 | | | |
| | | | | | | RPD = 2.33 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.358 | 8.361 | -0.003 | 258174638 | 0.0972 | | | |
| 2 | 100 | 9.828 | 9.829 | -0.001 | 775666861 | 0.0978 | | | |
| | | | | | | RPD = 0.58 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 232555056 | 0.0952 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 689393313 | 0.0979 | | | |
| | | | | | | RPD = 2.80 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.183 | 9.185 | -0.002 | 188855390 | 0.0999 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 1230378009 | 0.0993 | | | |
| | | | | | | RPD = 0.58 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.271 | 9.269 | 0.002 | 238165903 | 0.0943 | | | |
| 2 | 100 | 10.723 | 10.724 | -0.001 | 1230378009 | 0.0993 | | | |
| | | | | | | RPD = 5.23 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.704 | 9.706 | -0.002 | 191077728 | 0.1018 | | | |
| 2 | 100 | 11.208 | 11.209 | -0.001 | 480152385 | 0.1029 | | | |
| | | | | | | RPD = 1.09 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 173556428 | 0.0944 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 503014635 | 0.0958 | | | |
| | | | | | | RPD = 1.46 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.658 | 10.659 | -0.001 | 85258072 | 0.0971 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 222930875 | 0.0965 | | | |
| | | | | | | RPD = 0.64 | | | |

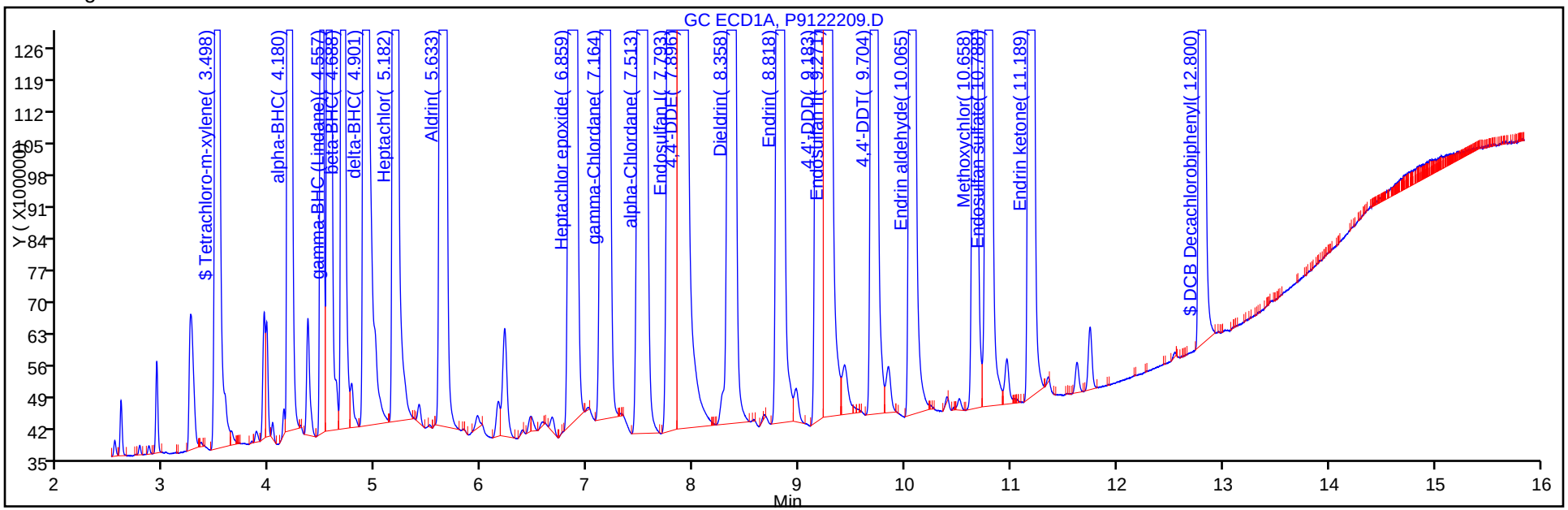
| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.789 | -0.001 | 217508546 | 0.0972 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 641191798 | 0.1009 | | | |
| | | | | | | RPD = 3.77 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.188 | 0.001 | 219898772 | 0.0939 | | | |
| 2 | 100 | 12.466 | 12.467 | -0.001 | 610796928 | 0.0977 | | | |
| | | | | | | RPD = 3.91 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.802 | -0.002 | 242031398 | 0.0948 | | | |
| 2 | 100 | 14.245 | 14.247 | -0.002 | 662069990 | 0.0975 | | | |
| | | | | | | RPD = 2.76 | | | |

Report Date: 31-Dec-2012 10:57:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

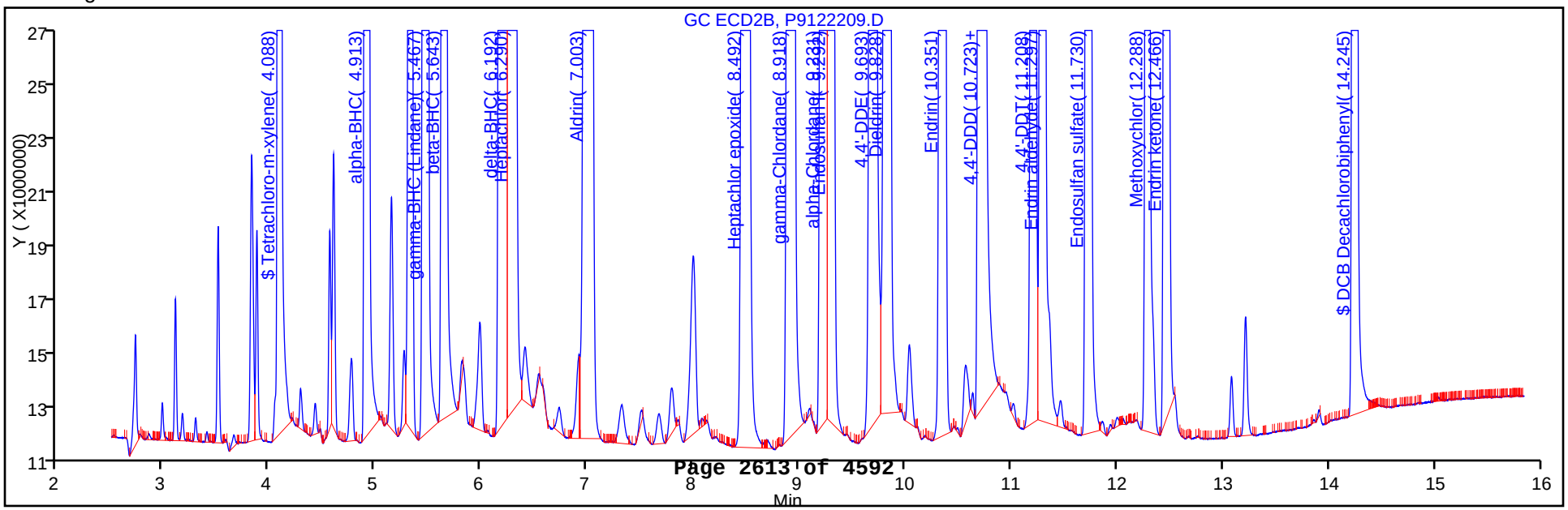
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D | | |
| Injection Date: | 22-Dec-2012 14:49:15 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 9 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122210.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 22-Dec-2012 15:13:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0016122-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69893 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.499 | -0.001 | 499594893 | 0.1838 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 1876708630 | 0.2139 | | | |
| | | | | | | RPD = 15.14 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 768141767 | 0.2016 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 3286719172 | 0.2494 | | | |
| | | | | | | RPD = 21.20 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.557 | -0.001 | 636231107 | 0.2042 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 2498251771 | 0.2395 | | | |
| | | | | | | RPD = 15.91 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 260444227 | 0.1920 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 915946127 | 0.2100 | | | |
| | | | | | | RPD = 8.96 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 687185120 | 0.2036 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 2630677835 | 0.2424 | | | |
| | | | | | | RPD = 17.40 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 535800491 | 0.1953 | | | |
| 2 | 100 | 6.291 | 6.289 | 0.002 | 1895283610 | 0.2153 | | | |
| | | | | | | RPD = 9.74 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 663261771 | 0.1865 | | | |
| 2 | 100 | 7.006 | 7.005 | 0.001 | 2253559642 | 0.2119 | | | |
| | | | | | | RPD = 12.75 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.859 | 6.860 | -0.001 | 520246976 | 0.1912 | | | |
| 2 | 100 | 8.491 | 8.492 | -0.001 | 1763207285 | 0.2113 | | | |
| | | | | | | RPD = 10.01 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.166 | 7.166 | 0.000 | 612435203 | 0.1999 | | | |
| 2 | 100 | 8.920 | 8.919 | 0.001 | 1967602335 | 0.2203 | | | |
| | | | | | | RPD = 9.69 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 621295183 | 0.1967 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 1914475532 | 0.2164 | | | |
| | | | | | | RPD = 9.50 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 488935665 | 0.1911 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 1495459708 | 0.2096 | | | |
| | | | | | | RPD = 9.26 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.899 | -0.003 | 643528254 | 0.1946 | | | |
| 2 | 100 | 9.693 | 9.694 | -0.001 | 1896085231 | 0.2193 | | | |
| | | | | | | RPD = 11.94 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.359 | 8.361 | -0.002 | 523169800 | 0.1971 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 1709607295 | 0.2156 | | | |
| | | | | | | RPD = 8.98 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.817 | 8.818 | -0.001 | 468447209 | 0.1917 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 1535350320 | 0.2180 | | | |
| | | | | | | RPD = 12.82 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.182 | 9.185 | -0.003 | 400866929 | 0.2121 | | | |
| 2 | 100 | 10.722 | 10.724 | -0.002 | 2795664895 | 0.2257 | | | |
| | | | | | | RPD = 6.22 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.267 | 9.269 | -0.002 | 479691393 | 0.1899 | | | |
| 2 | 100 | 10.722 | 10.724 | -0.002 | 2795664895 | 0.2257 | | | |
| | | | | | | RPD = 17.25 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.706 | 0.000 | 416361372 | 0.2218 | | | |
| 2 | 100 | 11.208 | 11.209 | -0.001 | 1150455718 | 0.2466 | | | |
| | | | | | | RPD = 10.58 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 357675806 | 0.1945 | | | |
| 2 | 100 | 11.296 | 11.297 | -0.001 | 1125612417 | 0.2143 | | | |
| | | | | | | RPD = 9.69 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.659 | -0.003 | 176718160 | 0.2013 | | | |
| 2 | 100 | 12.287 | 12.288 | -0.001 | 500747539 | 0.2167 | | | |
| | | | | | | RPD = 7.39 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.789 | 10.789 | 0.000 | 441429688 | 0.1972 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 1488435239 | 0.2342 | | | |
| | | | | | | RPD = 17.17 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.188 | 11.188 | 0.000 | 456849243 | 0.1951 | | | |
| 2 | 100 | 12.466 | 12.467 | -0.001 | 1369464177 | 0.2190 | | | |
| | | | | | | RPD = 11.52 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.802 | -0.001 | 501258059 | 0.1964 | | | |
| 2 | 100 | 14.246 | 14.247 | -0.001 | 1569230971 | 0.2310 | | | |
| | | | | | | RPD = 16.21 | | | |

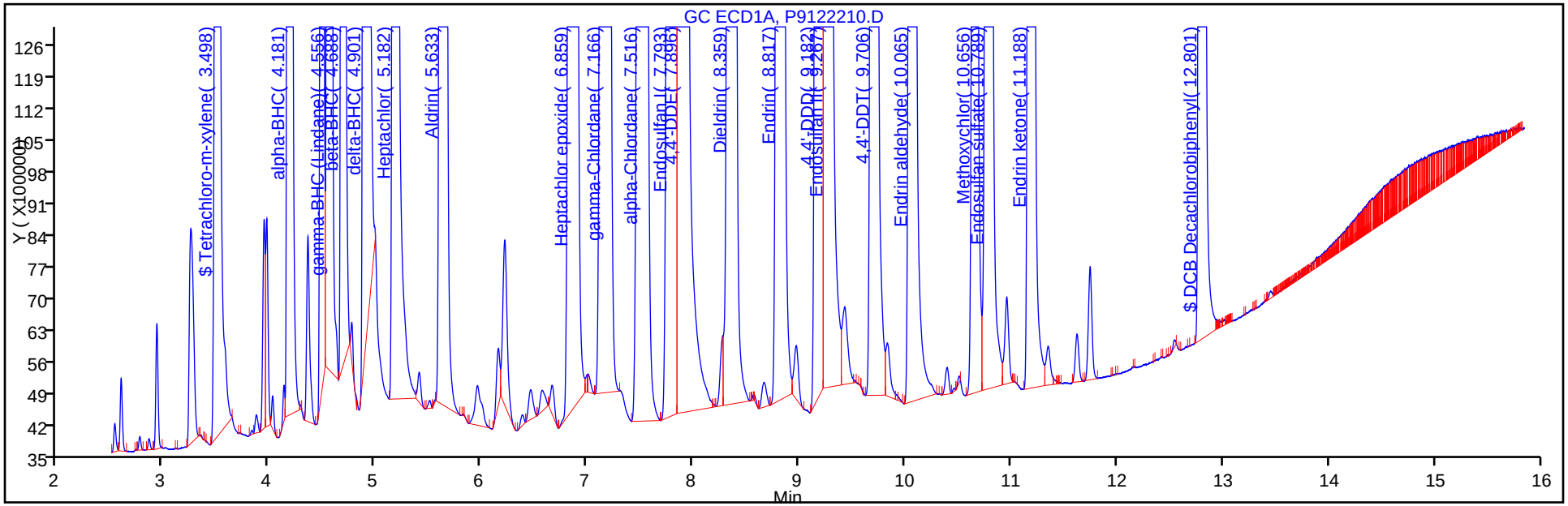
Report Date: 31-Dec-2012 10:57:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

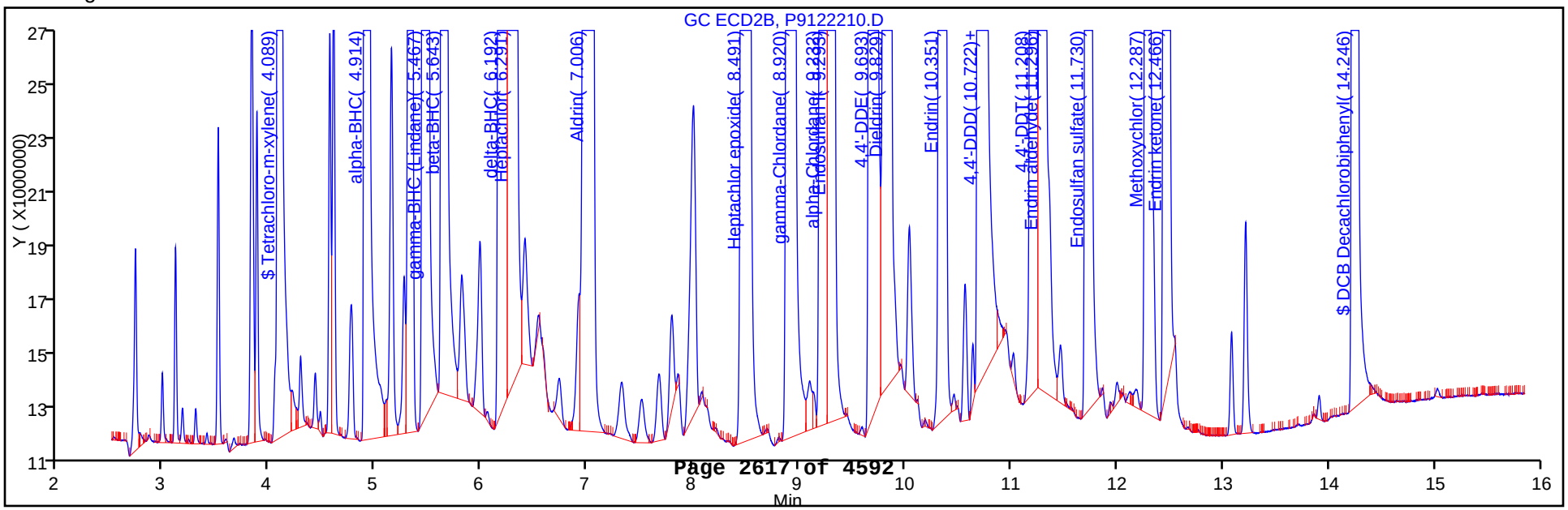
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122210.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 15:13:25 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 10 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-67554/4 Calibration Date: 12/06/2012 10:20

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9120604.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 8.83 | 113984532 | 5.80 | 15 | |
| Endrin aldehyde | 10.07 | 2229807 | | | |
| Endrin ketone | 11.19 | 4788174 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 9.71 | 204260084 | 1.30 | 15 | |
| 4,4'-DDD | 9.19 | 1003969 | | | |
| 4,4'-DDE | 7.91 | 1679325 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D
Lims ID: PEM Client ID:
Inject. Date: 06-Dec-2012 10:20:19 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015581-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67554 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:12 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 08:52:03

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.502 | 3.501 | 0.001 | 53777115 | 0.0207 | | | |
| 2 | 100 | 4.095 | 4.094 | 0.001 | 156359033 | 0.0202 | | | |
| | | | | | | RPD = 2.52 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 34899847 | 0.0102 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 104134514 | 0.009643 | | | |
| | | | | | | RPD = 5.62 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 30852504 | 0.0106 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 93294747 | 0.0104 | | | |
| | | | | | | RPD = 1.84 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.691 | -0.001 | 13423299 | 0.0107 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 40910916 | 0.0108 | | | |
| | | | | | | RPD = 1.00 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.906 | 7.906 | 0.000 | 1679325 | 0.000563 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 4207935 | 0.000561 | | | |
| | | | | | | RPD = 0.28 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.826 | 8.827 | -0.001 | 113984532 | 0.0503 | | | |
| 2 | 100 | 10.364 | 10.363 | 0.001 | 304525998 | 0.0481 | | | |
| | | | | | | RPD = 4.40 | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.190 | 9.188 | 0.002 | 1003969 | 0.000547 | | | M |
| 2 | 100 | 10.729 | 10.735 | -0.006 | 3836126 | 0.000356 | | | |
| | | | | | | RPD = 42.37 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.711 | -0.001 | 204260084 | 0.1024 | | | |
| 2 | 100 | 11.220 | 11.221 | -0.001 | 536896954 | 0.1089 | | | |
| | | | | | | RPD = 6.17 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.071 | -0.002 | 2229807 | 0.001239 | | | M |
| 2 | 100 | 11.309 | 11.309 | 0.000 | 5497627 | 0.001162 | | | |
| | | | | | | RPD = 6.42 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.661 | | | | | | |
| 2 | 100 | | 12.297 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.194 | -0.001 | 4788174 | 0.002134 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 14442060 | 0.002504 | | | |
| | | | | | | RPD = 15.96 | | | |

QC Flag Legend

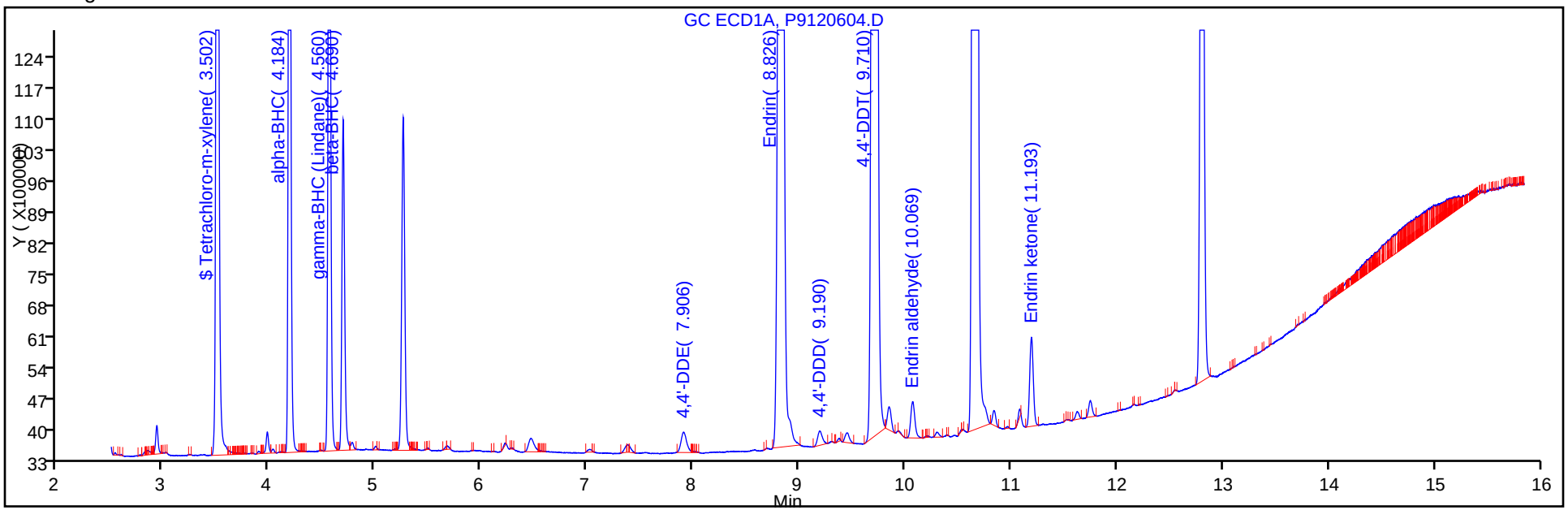
Review Flags
M - Manually Integrated

Report Date: 07-Dec-2012 10:25:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

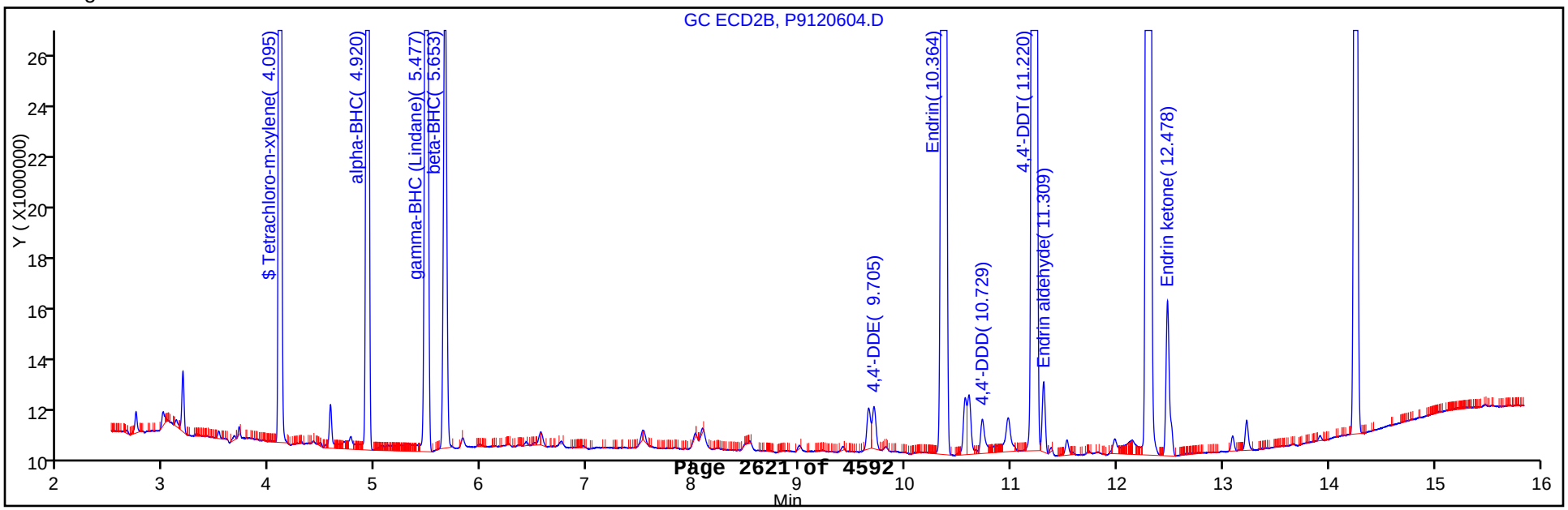
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D | | |
| Injection Date: | 06-Dec-2012 10:20:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

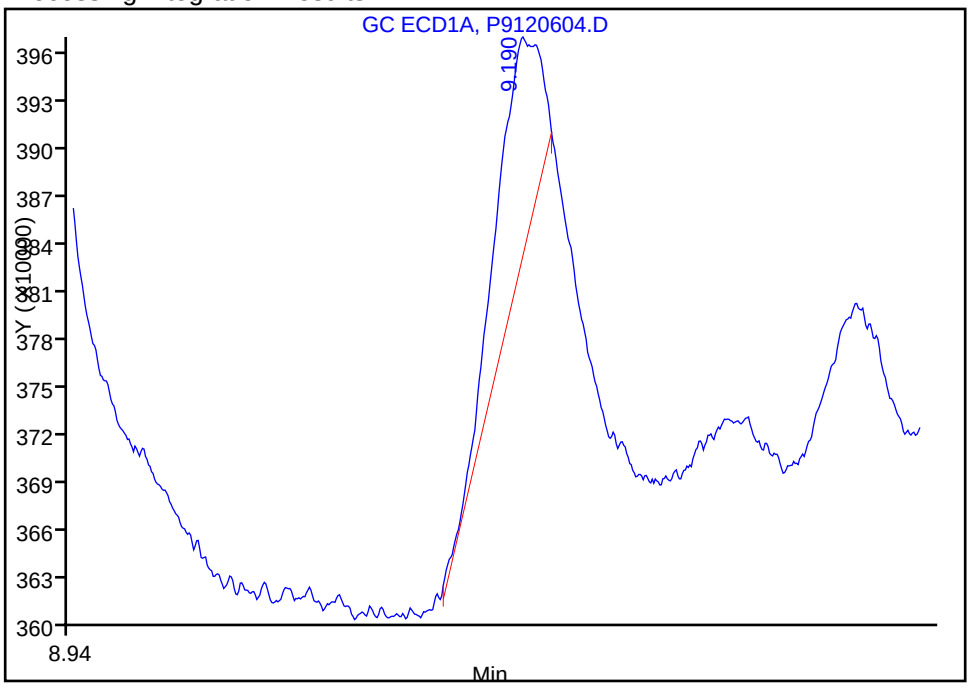
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D | | |
| Injection Date: | 06-Dec-2012 10:20:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.19, Det: GC ECD1A

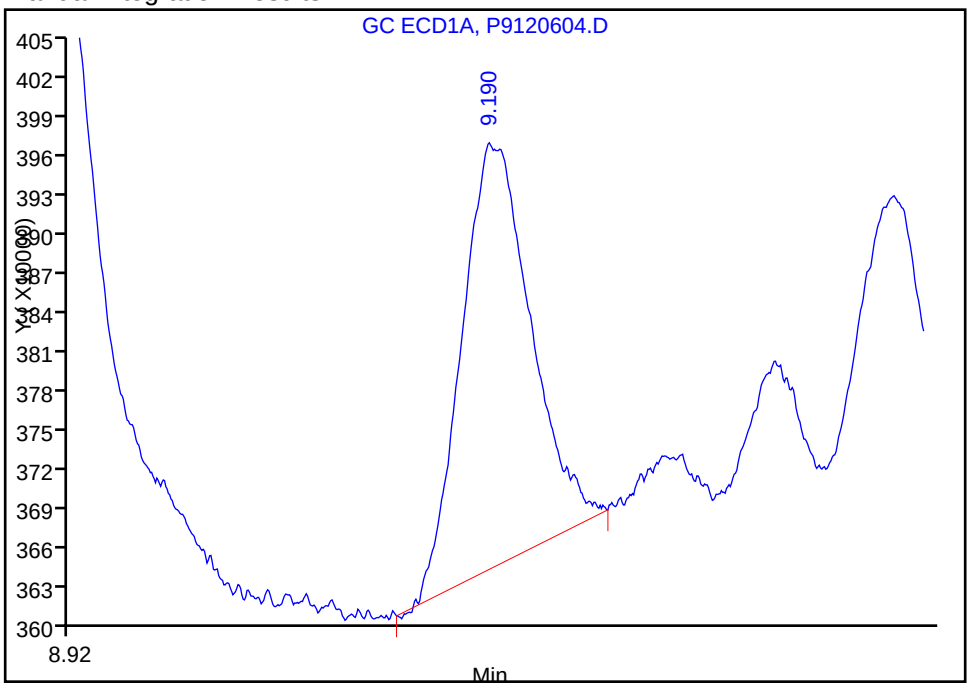
Processing Integration Results

RT: 9.19
Response: 237847
Amount: 0.000130




Manual Integration Results

RT: 9.19
Response: 1003969
Amount: 0.000547




Reviewer: vandorenc, 07-Dec-2012 08:52:03
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-67554/4 Calibration Date: 12/06/2012 10:20

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9120604.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 10.36 | 304525998 | 6.15 | 15 | |
| Endrin aldehyde | 11.31 | 5497627 | | | |
| Endrin ketone | 12.48 | 14442060 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 11.22 | 536896954 | 1.48 | 15 | |
| 4,4'-DDD | 10.73 | 3836126 | | | |
| 4,4'-DDE | 9.71 | 4207935 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D
Lims ID: PEM Client ID:
Inject. Date: 06-Dec-2012 10:20:19 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015581-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67554 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:12 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 08:52:03

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.502 | 3.501 | 0.001 | 53777115 | 0.0207 | | | |
| 2 | 100 | 4.095 | 4.094 | 0.001 | 156359033 | 0.0202 | | | |
| | | | | | | RPD = 2.52 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.185 | -0.001 | 34899847 | 0.0102 | | | |
| 2 | 100 | 4.920 | 4.921 | -0.001 | 104134514 | 0.009643 | | | |
| | | | | | | RPD = 5.62 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 30852504 | 0.0106 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 93294747 | 0.0104 | | | |
| | | | | | | RPD = 1.84 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.691 | -0.001 | 13423299 | 0.0107 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 40910916 | 0.0108 | | | |
| | | | | | | RPD = 1.00 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.906 | 7.906 | 0.000 | 1679325 | 0.000563 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 4207935 | 0.000561 | | | |
| | | | | | | RPD = 0.28 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.826 | 8.827 | -0.001 | 113984532 | 0.0503 | | | |
| 2 | 100 | 10.364 | 10.363 | 0.001 | 304525998 | 0.0481 | | | |
| | | | | | | RPD = 4.40 | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.190 | 9.188 | 0.002 | 1003969 | 0.000547 | | | M |
| 2 | 100 | 10.729 | 10.735 | -0.006 | 3836126 | 0.000356 | | | |
| | | | | | | RPD = 42.37 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.711 | -0.001 | 204260084 | 0.1024 | | | |
| 2 | 100 | 11.220 | 11.221 | -0.001 | 536896954 | 0.1089 | | | |
| | | | | | | RPD = 6.17 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.071 | -0.002 | 2229807 | 0.001239 | | | M |
| 2 | 100 | 11.309 | 11.309 | 0.000 | 5497627 | 0.001162 | | | |
| | | | | | | RPD = 6.42 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.661 | | | | | | |
| 2 | 100 | | 12.297 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.194 | -0.001 | 4788174 | 0.002134 | | | |
| 2 | 100 | 12.478 | 12.478 | 0.000 | 14442060 | 0.002504 | | | |
| | | | | | | RPD = 15.96 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

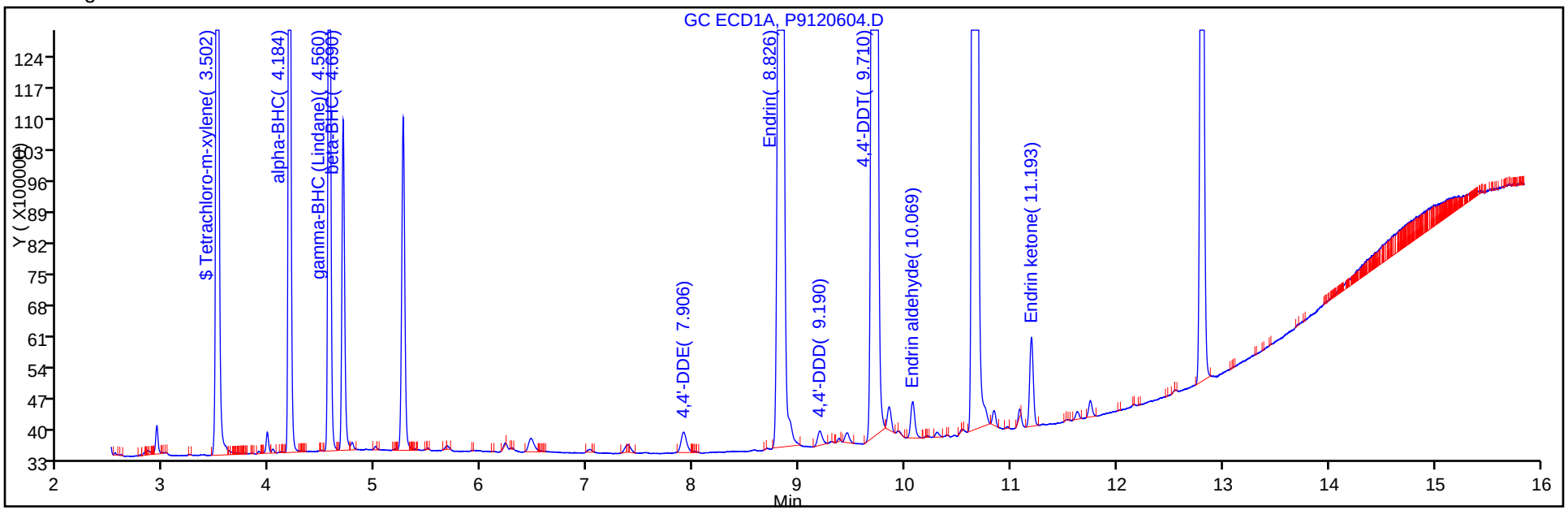
Report Date: 07-Dec-2012 10:25:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

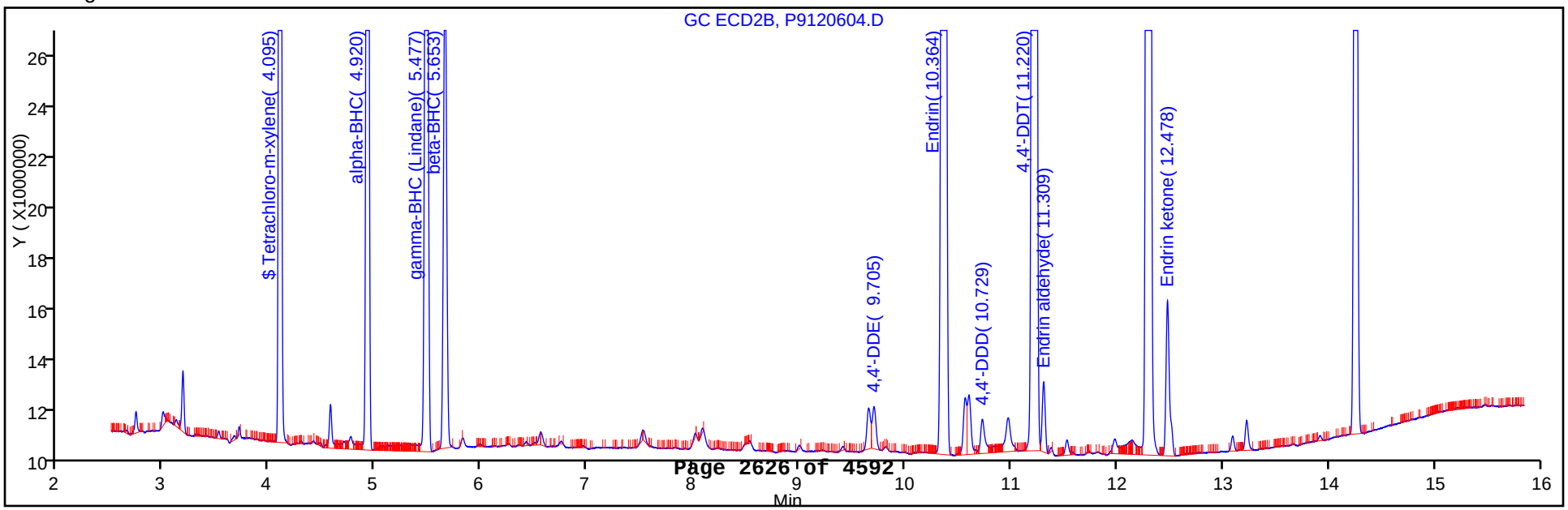
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 10:20:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-69152/4 Calibration Date: 12/18/2012 10:00

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121804.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 8.82 | 97699380 | 2.23 | 15 | |
| Endrin aldehyde | 10.08 | 767814 | | | |
| Endrin ketone | 11.19 | 1460797 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 9.71 | 157704751 | 3.40 | 15 | |
| 4,4'-DDD | 9.19 | 4351951 | | | |
| 4,4'-DDE | 7.90 | 1202082 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121804.D
Lims ID: PEM Client ID:
Inject. Date: 18-Dec-2012 10:00:10 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015955-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69152 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:49:59 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:32:50

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 52269323 | 0.0202 | | | |
| 2 | 100 | 4.092 | 4.091 | 0.001 | 168251030 | 0.0218 | | | |
| | | | | | | RPD = 7.65 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.184 | -0.002 | 27665372 | 0.008086 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 89967163 | 0.008331 | | | |
| | | | | | | RPD = 2.98 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 24537674 | 0.008421 | | | |
| 2 | 100 | 5.473 | 5.473 | 0.000 | 80612605 | 0.008983 | | | |
| | | | | | | RPD = 6.45 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 11478791 | 0.009181 | | | |
| 2 | 100 | 5.650 | 5.649 | 0.001 | 37248535 | 0.009874 | | | |
| | | | | | | RPD = 7.27 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.903 | 0.001 | 1202082 | 0.000403 | | | |
| 2 | 100 | 9.703 | 9.700 | 0.003 | 4284206 | 0.000571 | | | |
| | | | | | | RPD = 34.60 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.822 | 8.825 | -0.003 | 97699380 | 0.0431 | | | |
| 2 | 100 | 10.361 | 10.357 | 0.004 | 290828262 | 0.0460 | | | |
| | | | | | | RPD = 6.41 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.189 | 9.188 | 0.001 | 4351951 | 0.002370 | | | |
| 2 | 100 | 10.723 | 10.728 | -0.005 | 14571525 | 0.001350 | | | |
| | | | | | | RPD = 54.79 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.709 | 0.000 | 157704751 | 0.0791 | | | |
| 2 | 100 | 11.216 | 11.215 | 0.001 | 428383574 | 0.0869 | | | |
| | | | | | | RPD = 9.45 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.084 | 10.071 | 0.013 | 767814 | 0.000427 | | | 7M |
| 2 | 100 | 11.306 | 11.302 | 0.004 | 1241771 | 0.000262 | | | 7 |
| | | | | | | RPD = 47.66 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.660 | | | | | | |
| 2 | 100 | | 12.293 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.192 | 11.193 | -0.001 | 1460797 | 0.000651 | | | |
| 2 | 100 | 12.477 | 12.473 | 0.004 | 3664971 | 0.000635 | | | |
| | | | | | | RPD = 2.42 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

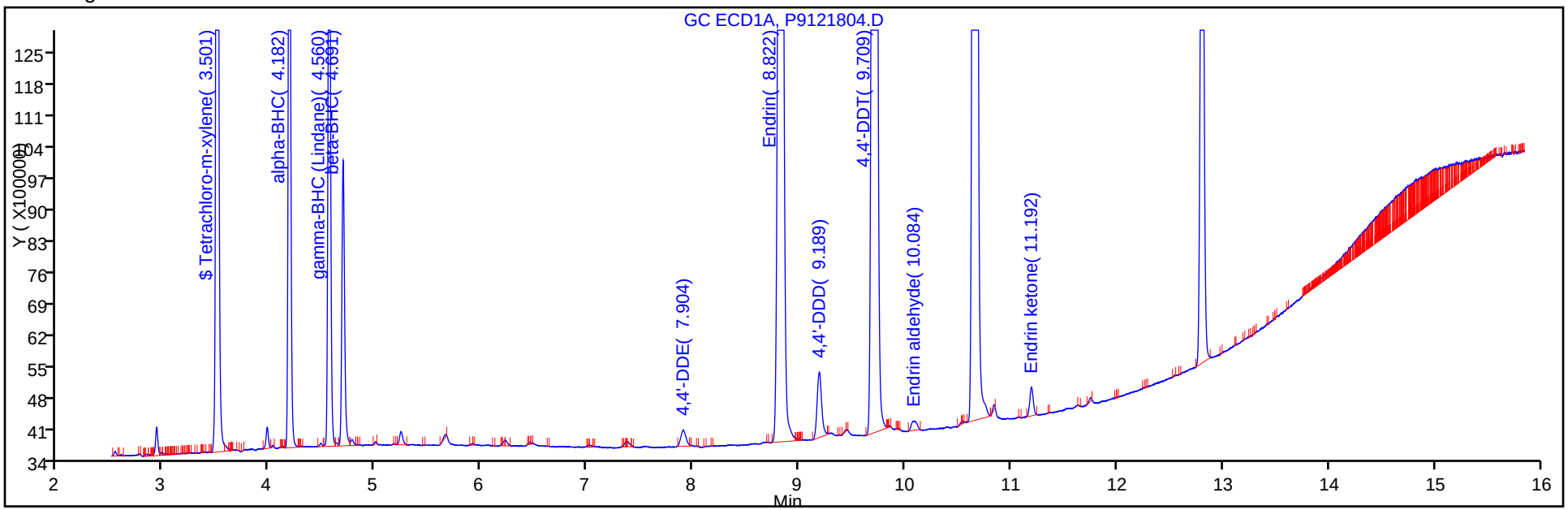
Report Date: 19-Dec-2012 12:50:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

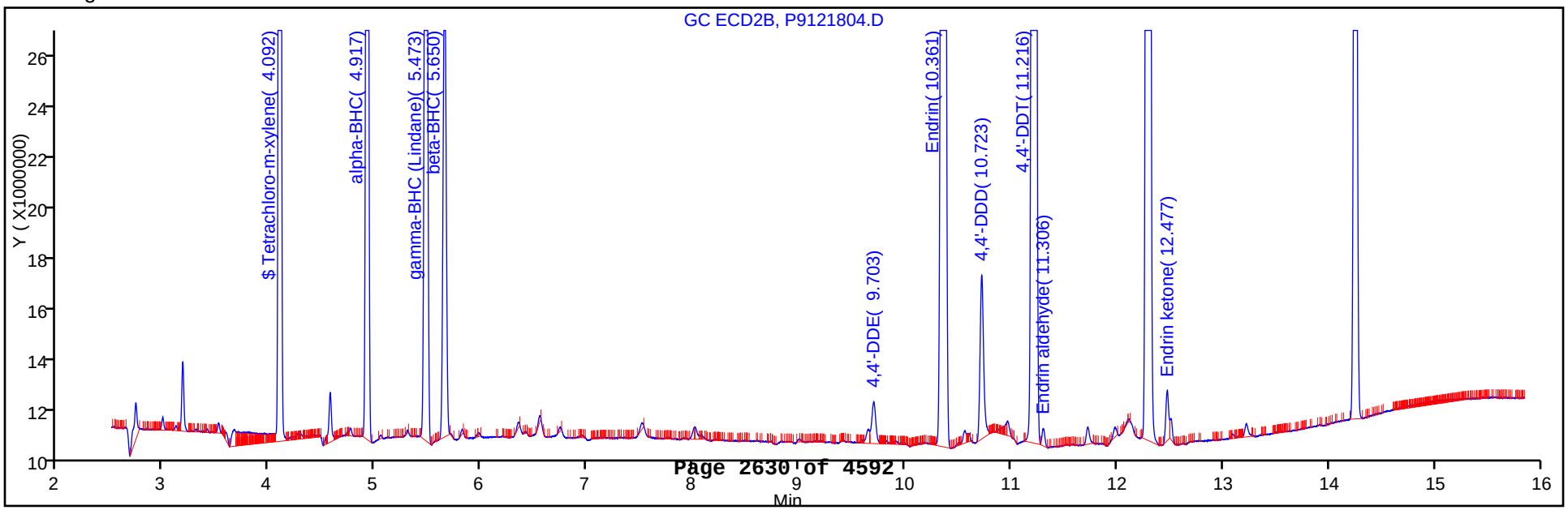
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121804.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 10:00:10 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-69152/4 Calibration Date: 12/18/2012 10:00

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121804.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 10.36 | 290828262 | 1.66 | 15 | |
| Endrin aldehyde | 11.31 | 1241771 | | | |
| Endrin ketone | 12.48 | 3664971 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 11.22 | 428383574 | 4.22 | 15 | |
| 4,4'-DDD | 10.72 | 14571525 | | | |
| 4,4'-DDE | 9.70 | 4284206 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121804.D
Lims ID: PEM Client ID:
Inject. Date: 18-Dec-2012 10:00:10 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015955-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69152 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:49:59 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:32:50

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 52269323 | 0.0202 | | | |
| 2 | 100 | 4.092 | 4.091 | 0.001 | 168251030 | 0.0218 | | | |
| | | | | | | RPD = 7.65 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.184 | -0.002 | 27665372 | 0.008086 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 89967163 | 0.008331 | | | |
| | | | | | | RPD = 2.98 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 24537674 | 0.008421 | | | |
| 2 | 100 | 5.473 | 5.473 | 0.000 | 80612605 | 0.008983 | | | |
| | | | | | | RPD = 6.45 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 11478791 | 0.009181 | | | |
| 2 | 100 | 5.650 | 5.649 | 0.001 | 37248535 | 0.009874 | | | |
| | | | | | | RPD = 7.27 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.903 | 0.001 | 1202082 | 0.000403 | | | |
| 2 | 100 | 9.703 | 9.700 | 0.003 | 4284206 | 0.000571 | | | |
| | | | | | | RPD = 34.60 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.822 | 8.825 | -0.003 | 97699380 | 0.0431 | | | |
| 2 | 100 | 10.361 | 10.357 | 0.004 | 290828262 | 0.0460 | | | |
| | | | | | | RPD = 6.41 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.189 | 9.188 | 0.001 | 4351951 | 0.002370 | | | |
| 2 | 100 | 10.723 | 10.728 | -0.005 | 14571525 | 0.001350 | | | |
| | | | | | | RPD = 54.79 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.709 | 0.000 | 157704751 | 0.0791 | | | |
| 2 | 100 | 11.216 | 11.215 | 0.001 | 428383574 | 0.0869 | | | |
| | | | | | | RPD = 9.45 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.084 | 10.071 | 0.013 | 767814 | 0.000427 | | | 7M |
| 2 | 100 | 11.306 | 11.302 | 0.004 | 1241771 | 0.000262 | | | 7 |
| | | | | | | RPD = 47.66 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.660 | | | | | | |
| 2 | 100 | | 12.293 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.192 | 11.193 | -0.001 | 1460797 | 0.000651 | | | |
| 2 | 100 | 12.477 | 12.473 | 0.004 | 3664971 | 0.000635 | | | |
| | | | | | | RPD = 2.42 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

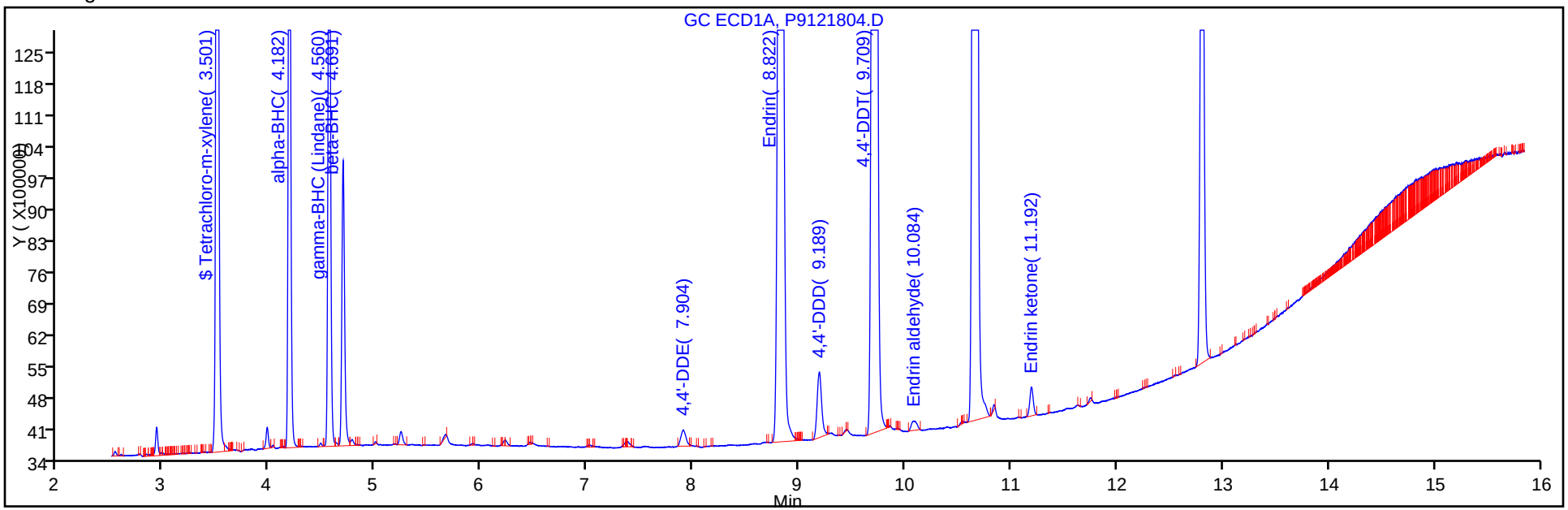
Report Date: 19-Dec-2012 12:50:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

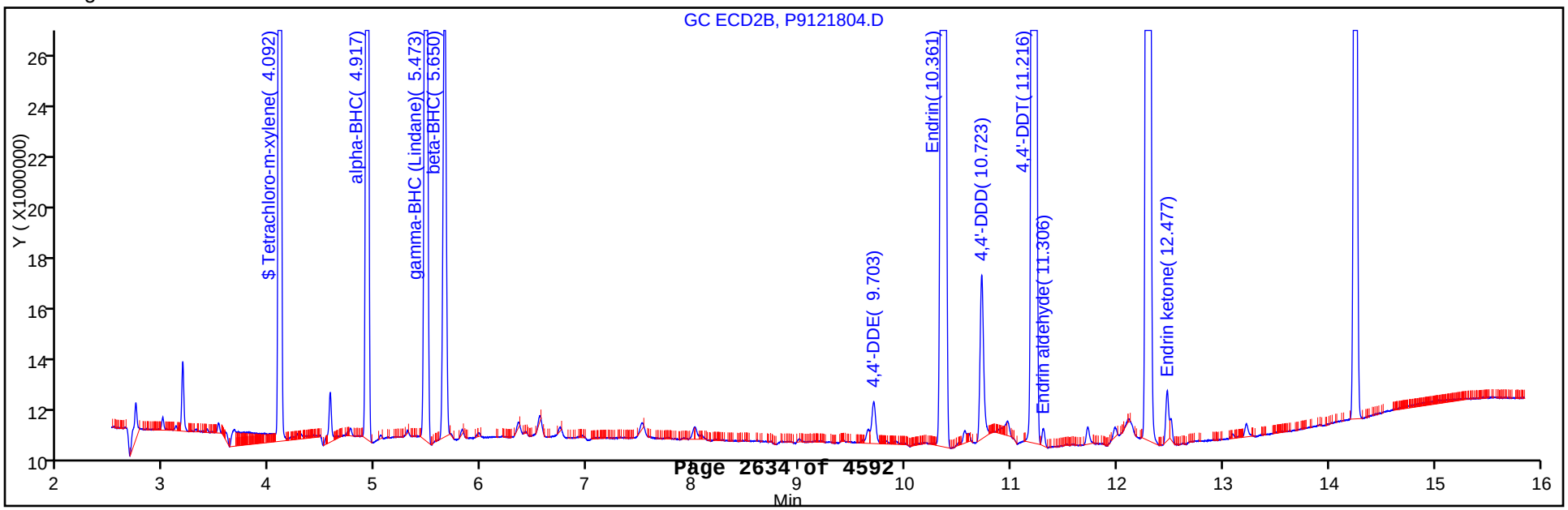
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121804.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 10:00:10 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-69893/4 Calibration Date: 12/22/2012 12:44

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9122204.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 8.82 | 114882575 | 3.07 | 15 | |
| Endrin aldehyde | 10.09 | 619877 | | | |
| Endrin ketone | 11.19 | 3014383 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 9.71 | 178906324 | 5.71 | 15 | |
| 4,4'-DDD | 9.19 | 8719804 | | | |
| 4,4'-DDE | 7.90 | 2108955 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D
Lims ID: PEM Client ID:
Inject. Date: 22-Dec-2012 12:44:13 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016122-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69893 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:39 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:40:59

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.499 | 0.001 | 55904140 | 0.0206 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 171697334 | 0.0196 | | | |
| | | | | | | RPD = 4.96 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.182 | 0.000 | 38063150 | 0.0100 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 118328307 | 0.008980 | | | |
| | | | | | | RPD = 10.66 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.558 | 4.557 | 0.001 | 31087971 | 0.0100 | | | |
| 2 | 100 | 5.469 | 5.467 | 0.002 | 97396125 | 0.009337 | | | |
| | | | | | | RPD = 6.64 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.689 | 0.001 | 14451563 | 0.0107 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 45435875 | 0.0104 | | | |
| | | | | | | RPD = 2.24 | | | |
| 2 4,4'-DDE | | | | | | | | | M |
| 1 | 100 | 7.904 | 7.899 | 0.005 | 2108955 | 0.000638 | | | M |
| 2 | 100 | 9.697 | 9.694 | 0.003 | 6248933 | 0.000723 | | | |
| | | | | | | RPD = 12.50 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.821 | 8.818 | 0.003 | 114882575 | 0.0470 | | | |
| 2 | 100 | 10.353 | 10.351 | 0.002 | 324989832 | 0.0461 | | | |
| | | | | | | RPD = 1.88 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.190 | 9.185 | 0.005 | 8719804 | 0.004613 | | | |
| 2 | 100 | 10.718 | 10.724 | -0.006 | 28218431 | 0.002278 | | | |
| | | | | | | RPD = 67.77 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.706 | 0.002 | 178906324 | 0.0953 | | | |
| 2 | 100 | 11.211 | 11.209 | 0.002 | 464866445 | 0.0996 | | | |
| | | | | | | RPD = 4.44 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.085 | 10.065 | 0.020 | 619877 | 0.000337 | | | 7M |
| 2 | 100 | 11.298 | 11.297 | 0.001 | 2901888 | 0.000553 | | | 7 |
| | | | | | | RPD = 48.43 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.191 | 11.188 | 0.003 | 3014383 | 0.001287 | | | |
| 2 | 100 | 12.469 | 12.467 | 0.002 | 13654073 | 0.002183 | | | |
| | | | | | | RPD = 51.62 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

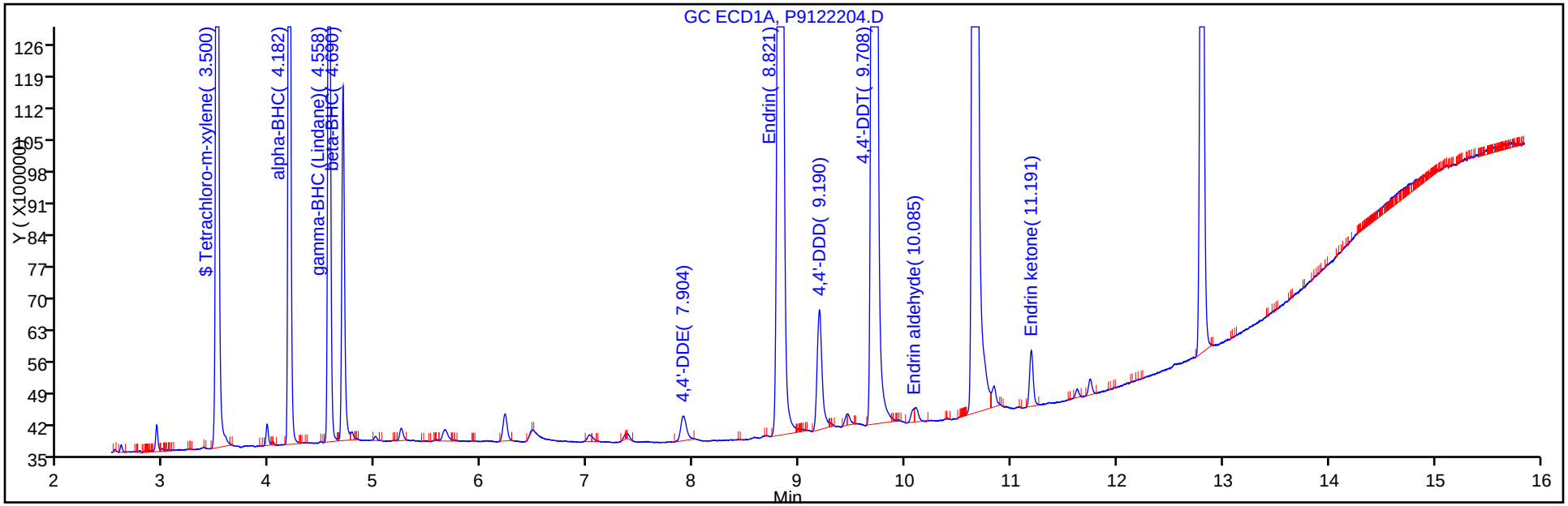
Report Date: 31-Dec-2012 10:57:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

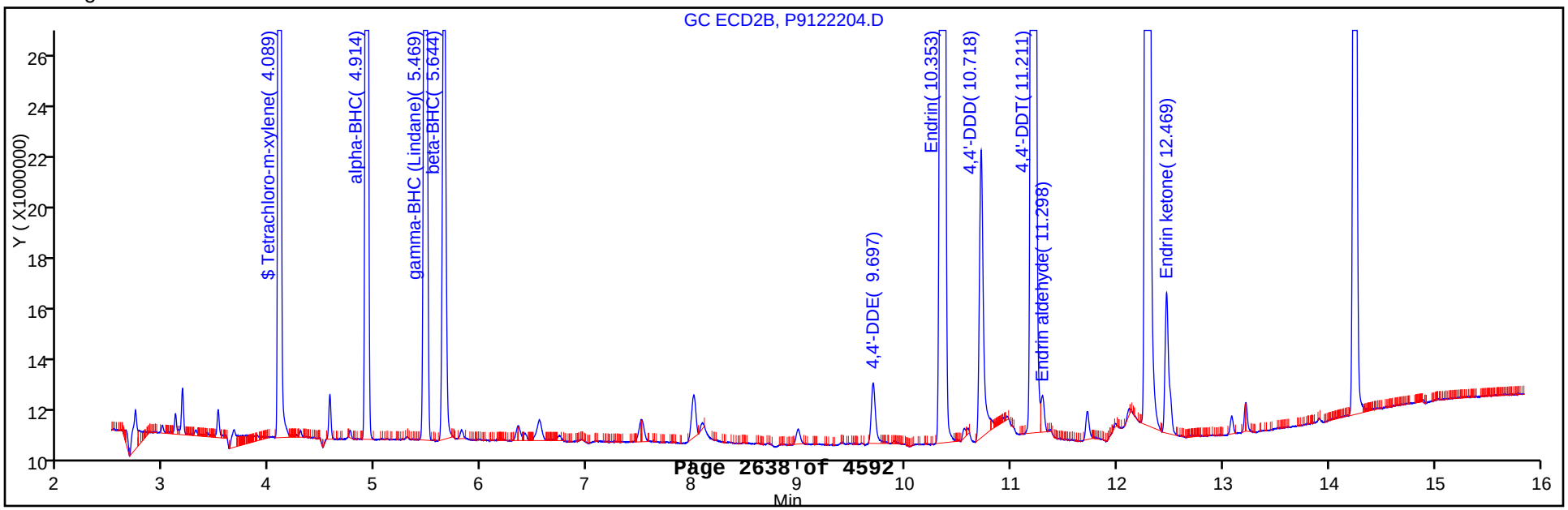
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 12:44:13 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

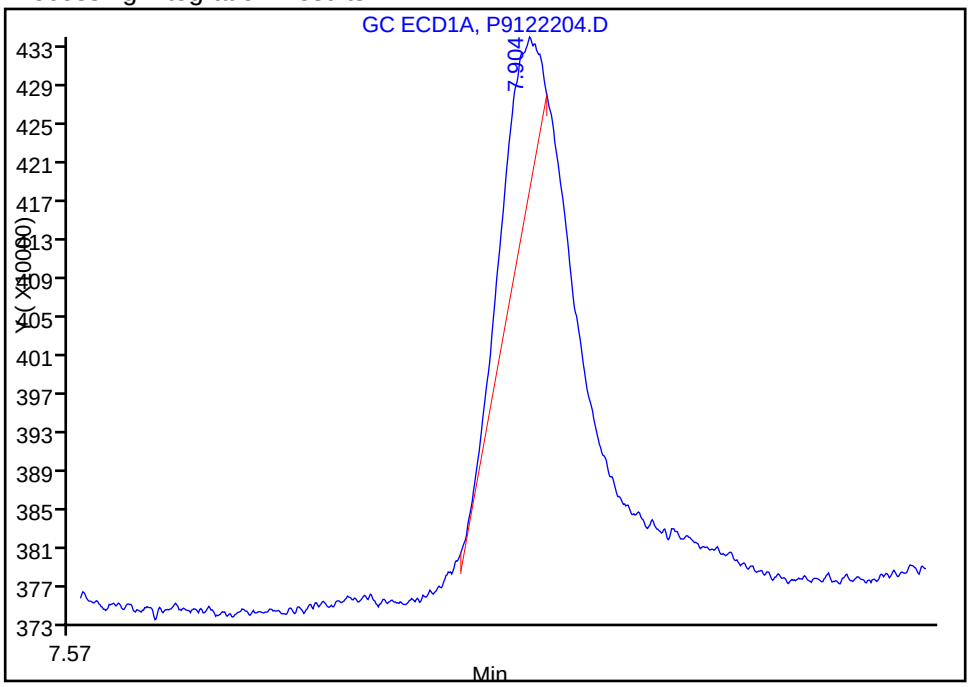
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D | | |
| Injection Date: | 22-Dec-2012 12:44:13 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

2 4,4'-DDE, Signal: 1, Type: quant, RT: 7.90, Det: GC ECD1A

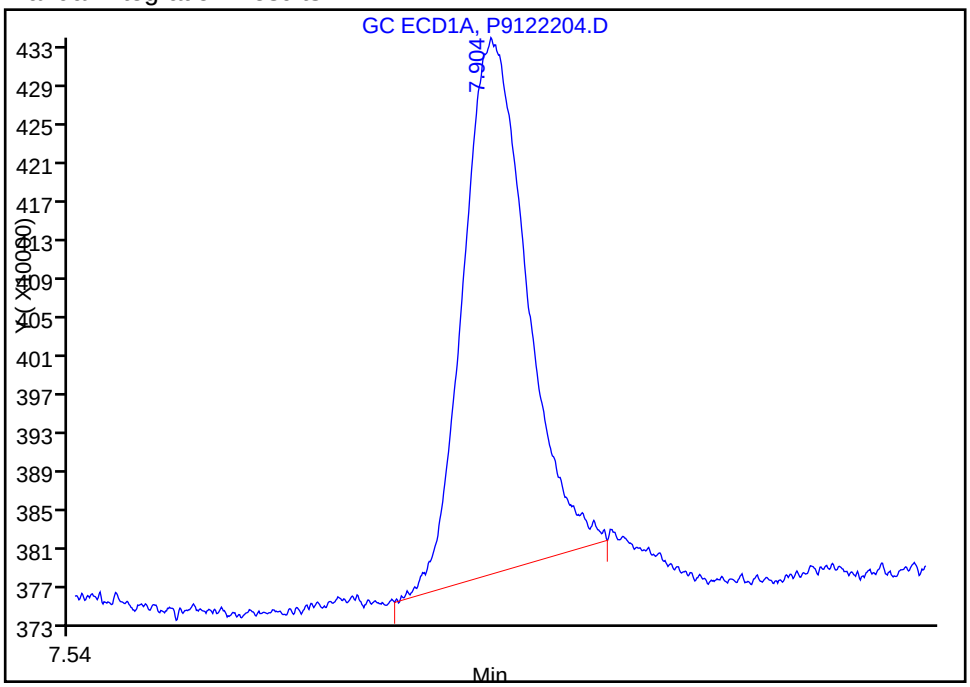
Processing Integration Results

RT: 7.90
Response: 339536
Amount: 0.000103




Manual Integration Results

RT: 7.90
Response: 2108955
Amount: 0.000638




Reviewer: vandorenc, 31-Dec-2012 10:40:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-69893/4 Calibration Date: 12/22/2012 12:44

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9122204.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 10.35 | 324989832 | 4.85 | 15 | |
| Endrin aldehyde | 11.30 | 2901888 | | | |
| Endrin ketone | 12.47 | 13654073 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 11.21 | 464866445 | 6.90 | 15 | |
| 4,4'-DDD | 10.72 | 28218431 | | | |
| 4,4'-DDE | 9.70 | 6248933 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D
Lims ID: PEM Client ID:
Inject. Date: 22-Dec-2012 12:44:13 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016122-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69893 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:39 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:40:59

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.499 | 0.001 | 55904140 | 0.0206 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 171697334 | 0.0196 | | | |
| | | | | | | RPD = 4.96 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.182 | 4.182 | 0.000 | 38063150 | 0.0100 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 118328307 | 0.008980 | | | |
| | | | | | | RPD = 10.66 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.558 | 4.557 | 0.001 | 31087971 | 0.0100 | | | |
| 2 | 100 | 5.469 | 5.467 | 0.002 | 97396125 | 0.009337 | | | |
| | | | | | | RPD = 6.64 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.689 | 0.001 | 14451563 | 0.0107 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 45435875 | 0.0104 | | | |
| | | | | | | RPD = 2.24 | | | |
| 2 4,4'-DDE | | | | | | | | | M |
| 1 | 100 | 7.904 | 7.899 | 0.005 | 2108955 | 0.000638 | | | M |
| 2 | 100 | 9.697 | 9.694 | 0.003 | 6248933 | 0.000723 | | | |
| | | | | | | RPD = 12.50 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.821 | 8.818 | 0.003 | 114882575 | 0.0470 | | | |
| 2 | 100 | 10.353 | 10.351 | 0.002 | 324989832 | 0.0461 | | | |
| | | | | | | RPD = 1.88 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.190 | 9.185 | 0.005 | 8719804 | 0.004613 | | | |
| 2 | 100 | 10.718 | 10.724 | -0.006 | 28218431 | 0.002278 | | | |
| | | | | | | RPD = 67.77 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.706 | 0.002 | 178906324 | 0.0953 | | | |
| 2 | 100 | 11.211 | 11.209 | 0.002 | 464866445 | 0.0996 | | | |
| | | | | | | RPD = 4.44 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.085 | 10.065 | 0.020 | 619877 | 0.000337 | | | 7M |
| 2 | 100 | 11.298 | 11.297 | 0.001 | 2901888 | 0.000553 | | | 7 |
| | | | | | | RPD = 48.43 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.191 | 11.188 | 0.003 | 3014383 | 0.001287 | | | |
| 2 | 100 | 12.469 | 12.467 | 0.002 | 13654073 | 0.002183 | | | |
| | | | | | | RPD = 51.62 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

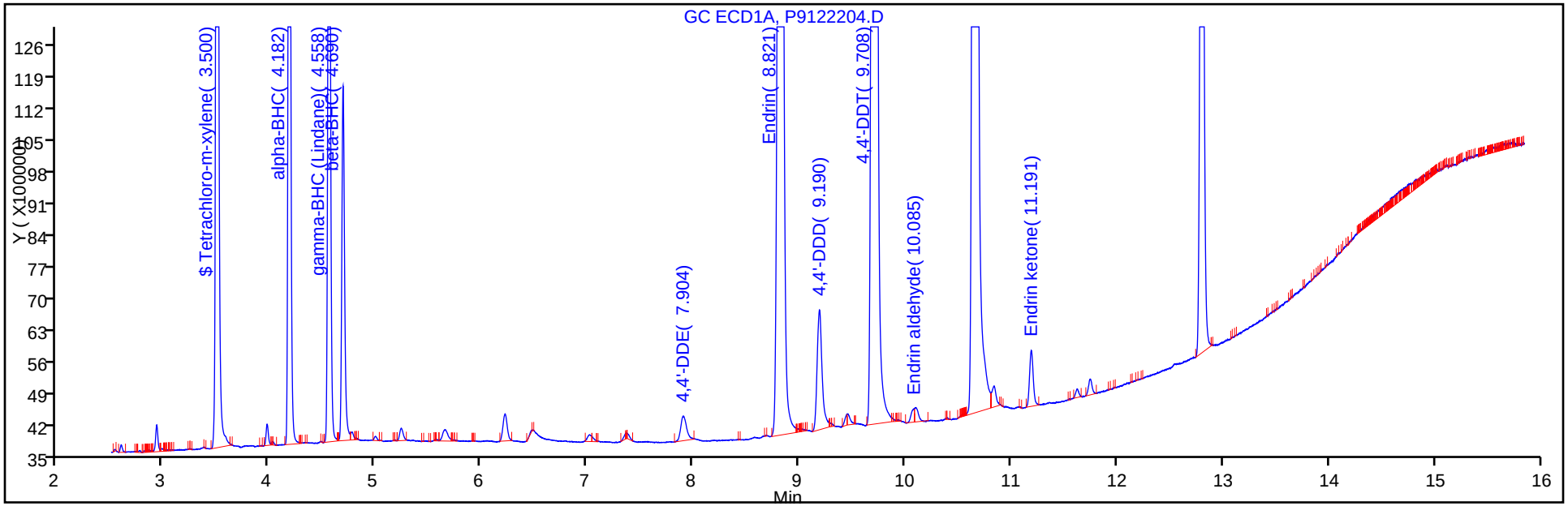
Report Date: 31-Dec-2012 10:57:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

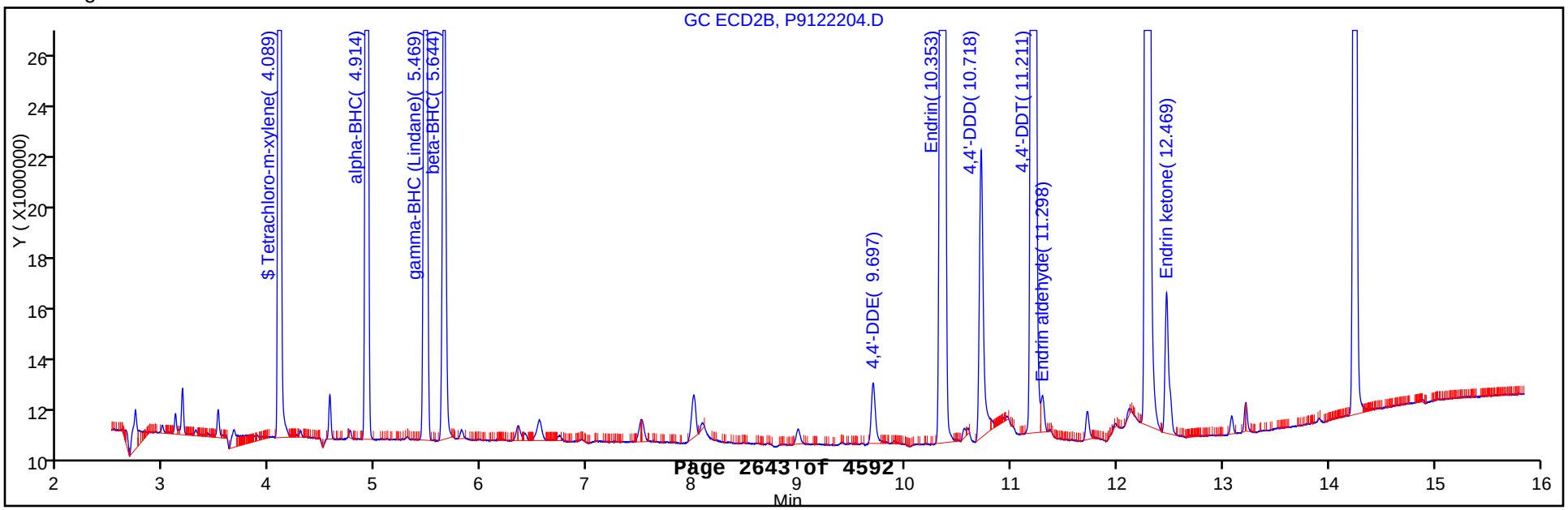
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 12:44:13 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 4 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-69893/30 Calibration Date: 12/22/2012 23:20

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122230.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 8.82 | 129340287 | 5.93 | 15 | |
| Endrin aldehyde | 10.07 | 826410 | | | |
| Endrin ketone | 11.19 | 7333352 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 9.71 | 198772403 | 2.12 | 15 | |
| 4,4'-DDD | 9.18 | 3531760 | | | |
| 4,4'-DDE | 7.90 | 769068 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122230.D
Lims ID: PEM Client ID:
Inject. Date: 22-Dec-2012 23:20:33 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016122-030
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 69893 Lims Sample ID: 30
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:28:22

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 58068600 | 0.0214 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 181514929 | 0.0207 | | | |
| | | | | | | RPD = 3.20 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 46623344 | 0.0122 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 150289536 | 0.0114 | | | |
| | | | | | | RPD = 7.04 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 40375149 | 0.0130 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 131937377 | 0.0126 | | | |
| | | | | | | RPD = 2.42 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 17790147 | 0.0131 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 57676907 | 0.0132 | | | |
| | | | | | | RPD = 0.83 | | | |
| 2 4,4'-DDE | | | | | | | | | M |
| 1 | 100 | 7.895 | 7.899 | -0.004 | 769068 | 0.000233 | | | M |
| 2 | 100 | 9.692 | 9.694 | -0.002 | 1546660 | 0.000179 | | | M |
| | | | | | | RPD = 26.09 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 129340287 | 0.0529 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 364002148 | 0.0517 | | | |
| | | | | | | RPD = 2.40 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.184 | 9.185 | -0.001 | 3531760 | 0.001868 | | | |
| 2 | 100 | 10.716 | 10.724 | -0.008 | 12154356 | 0.000981 | | | |
| | | | | | | RPD = 62.27 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.706 | -0.001 | 198772403 | 0.1059 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 513940303 | 0.1102 | | | |
| | | | | | | RPD = 3.95 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.065 | 0.006 | 826410 | 0.000449 | | | 7M |
| 2 | 100 | 11.296 | 11.297 | -0.001 | 1713900 | 0.000326 | | | 7 |
| | | | | | | RPD = 31.74 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.190 | 11.188 | 0.002 | 7333352 | 0.003132 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 21870404 | 0.003497 | | | |
| | | | | | | RPD = 11.01 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

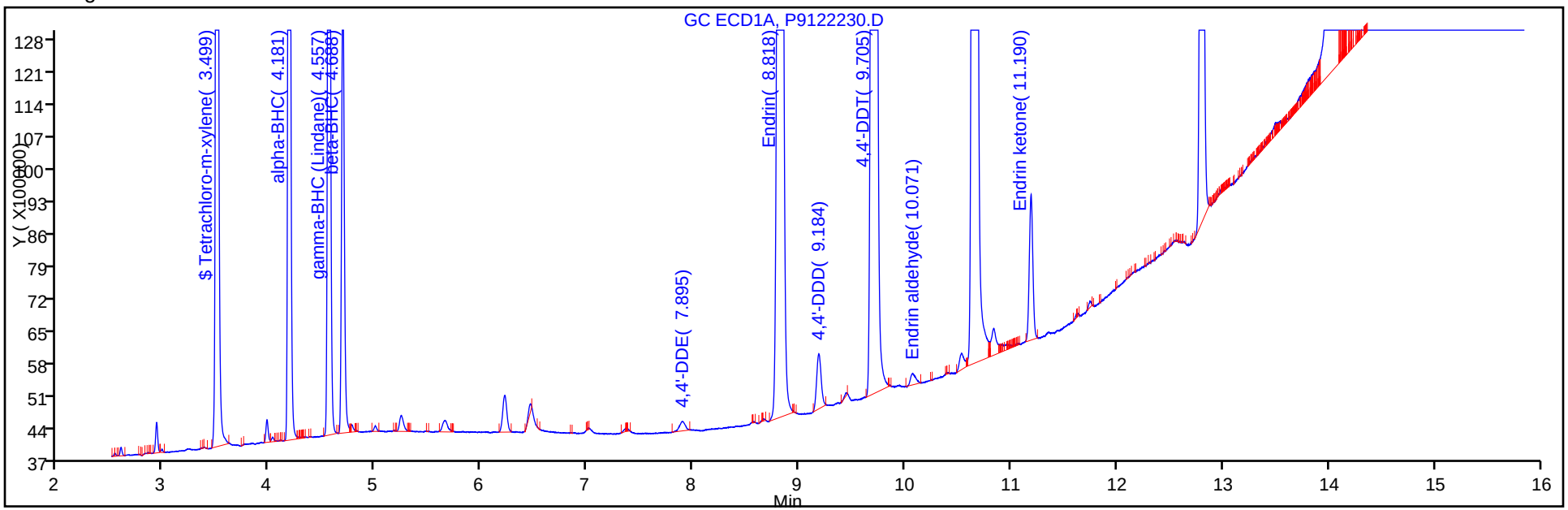
Report Date: 31-Dec-2012 13:52:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

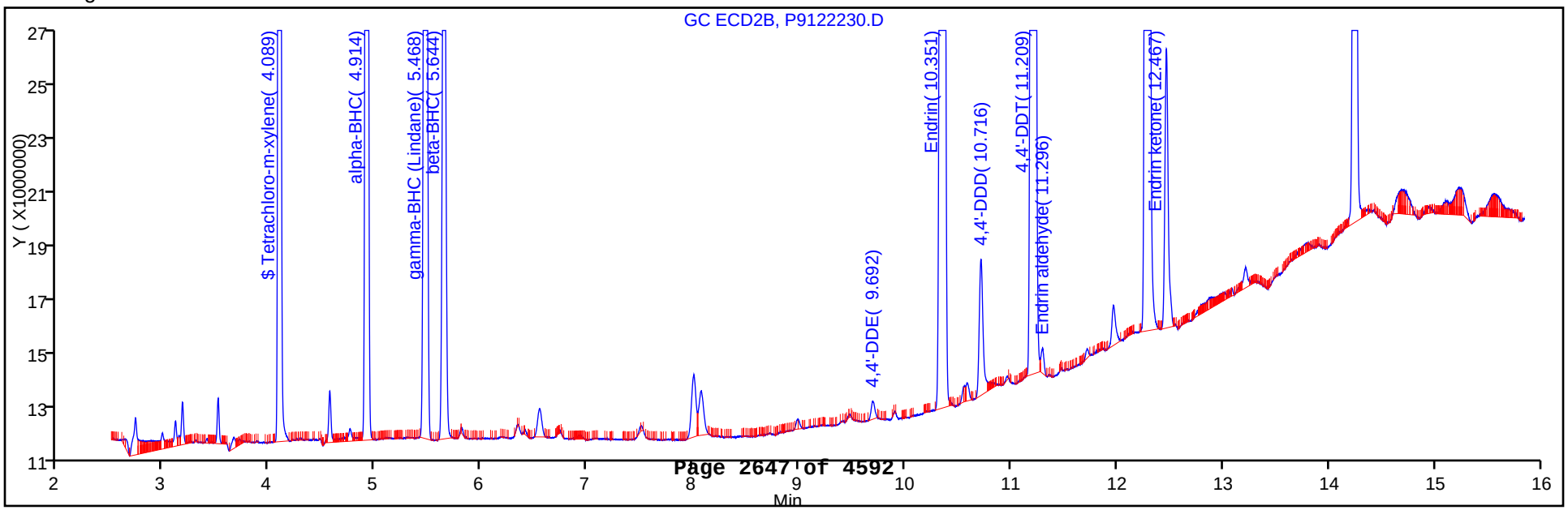
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122230.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 23:20:33 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 30 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 31-Dec-2012 13:52:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

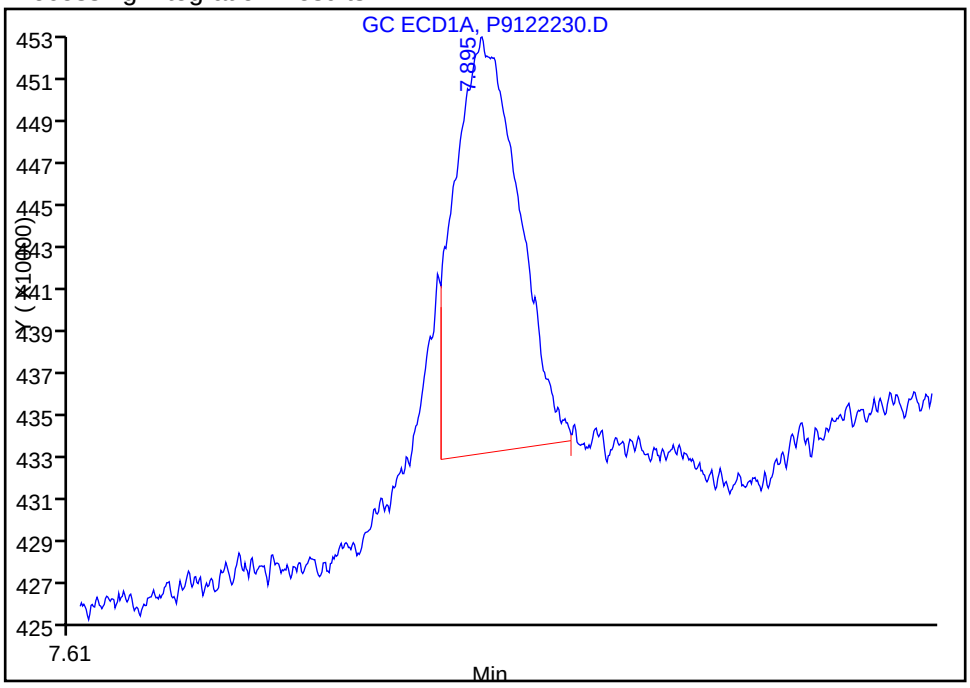
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122230.D | | |
| Injection Date: | 22-Dec-2012 23:20:33 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 30 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

2 4,4'-DDE, Signal: 1, Type: quant, RT: 7.90, Det: GC ECD1A

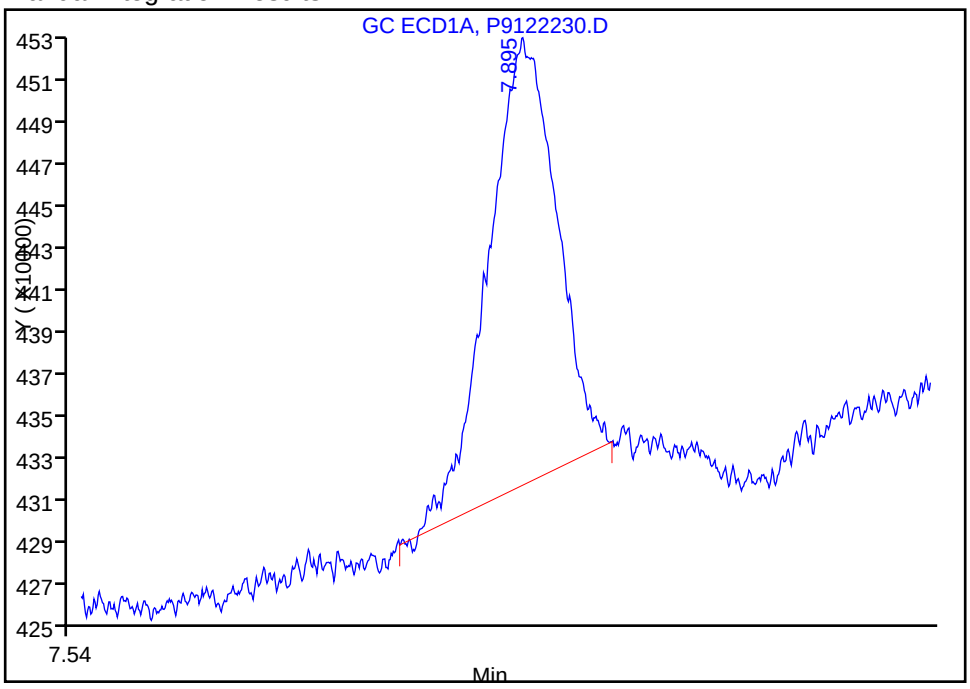
Processing Integration Results

RT: 7.89
Response: 586597
Amount: 0.000177




Manual Integration Results

RT: 7.89
Response: 769068
Amount: 0.000233




Reviewer: vandorenc, 31-Dec-2012 13:28:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: PEM 240-69893/30 Calibration Date: 12/22/2012 23:20

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122230.D Conc. Units: ng/uL

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 10.35 | 364002148 | 6.08 | 15 | |
| Endrin aldehyde | 11.30 | 1713900 | | | |
| Endrin ketone | 12.47 | 21870404 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 11.21 | 513940303 | 2.60 | 15 | |
| 4,4'-DDD | 10.72 | 12154356 | | | |
| 4,4'-DDE | 9.69 | 1546660 | | | |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122230.D
Lims ID: PEM Client ID:
Inject. Date: 22-Dec-2012 23:20:33 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016122-030
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 69893 Lims Sample ID: 30
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:28:22

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 58068600 | 0.0214 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 181514929 | 0.0207 | | | |
| | | | | | | RPD = 3.20 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 46623344 | 0.0122 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 150289536 | 0.0114 | | | |
| | | | | | | RPD = 7.04 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 40375149 | 0.0130 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 131937377 | 0.0126 | | | |
| | | | | | | RPD = 2.42 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 17790147 | 0.0131 | | | |
| 2 | 100 | 5.644 | 5.643 | 0.001 | 57676907 | 0.0132 | | | |
| | | | | | | RPD = 0.83 | | | |
| 2 4,4'-DDE | | | | | | | | | M |
| 1 | 100 | 7.895 | 7.899 | -0.004 | 769068 | 0.000233 | | | M |
| 2 | 100 | 9.692 | 9.694 | -0.002 | 1546660 | 0.000179 | | | M |
| | | | | | | RPD = 26.09 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 129340287 | 0.0529 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 364002148 | 0.0517 | | | |
| | | | | | | RPD = 2.40 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.184 | 9.185 | -0.001 | 3531760 | 0.001868 | | | |
| 2 | 100 | 10.716 | 10.724 | -0.008 | 12154356 | 0.000981 | | | |
| | | | | | | RPD = 62.27 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.706 | -0.001 | 198772403 | 0.1059 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 513940303 | 0.1102 | | | |
| | | | | | | RPD = 3.95 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.065 | 0.006 | 826410 | 0.000449 | | | 7M |
| 2 | 100 | 11.296 | 11.297 | -0.001 | 1713900 | 0.000326 | | | 7 |
| | | | | | | RPD = 31.74 | | | |
| LOD = 0.000500 | | | | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.288 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.190 | 11.188 | 0.002 | 7333352 | 0.003132 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 21870404 | 0.003497 | | | |
| | | | | | | RPD = 11.01 | | | |

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

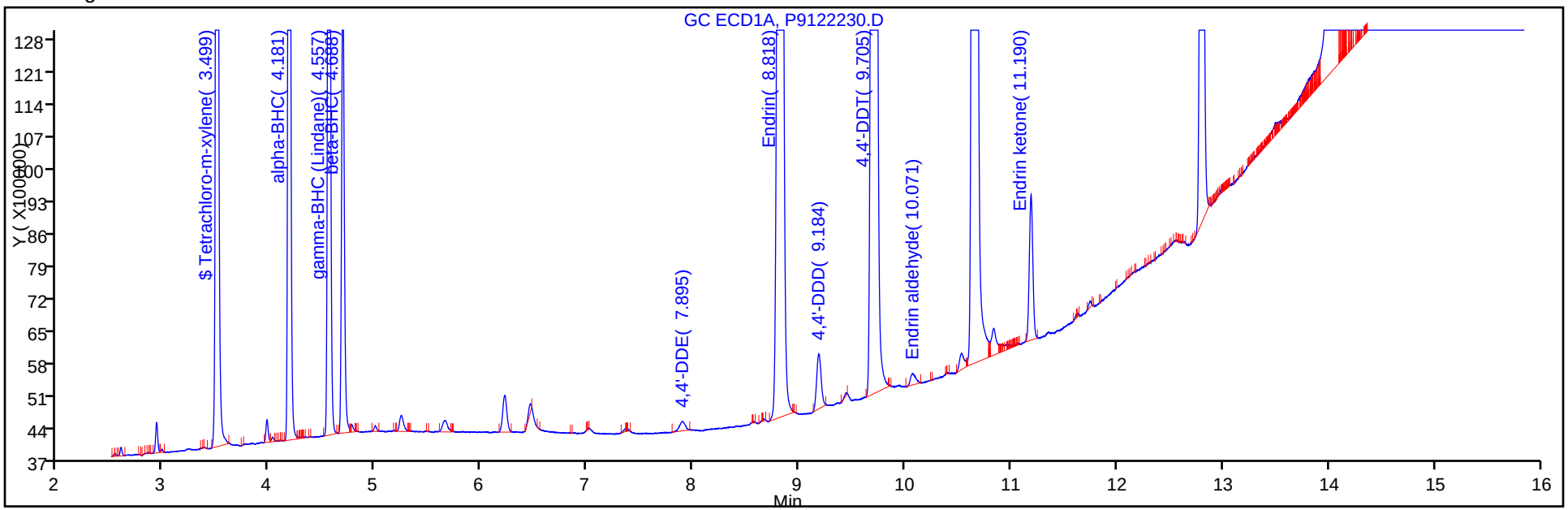
Report Date: 31-Dec-2012 13:52:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

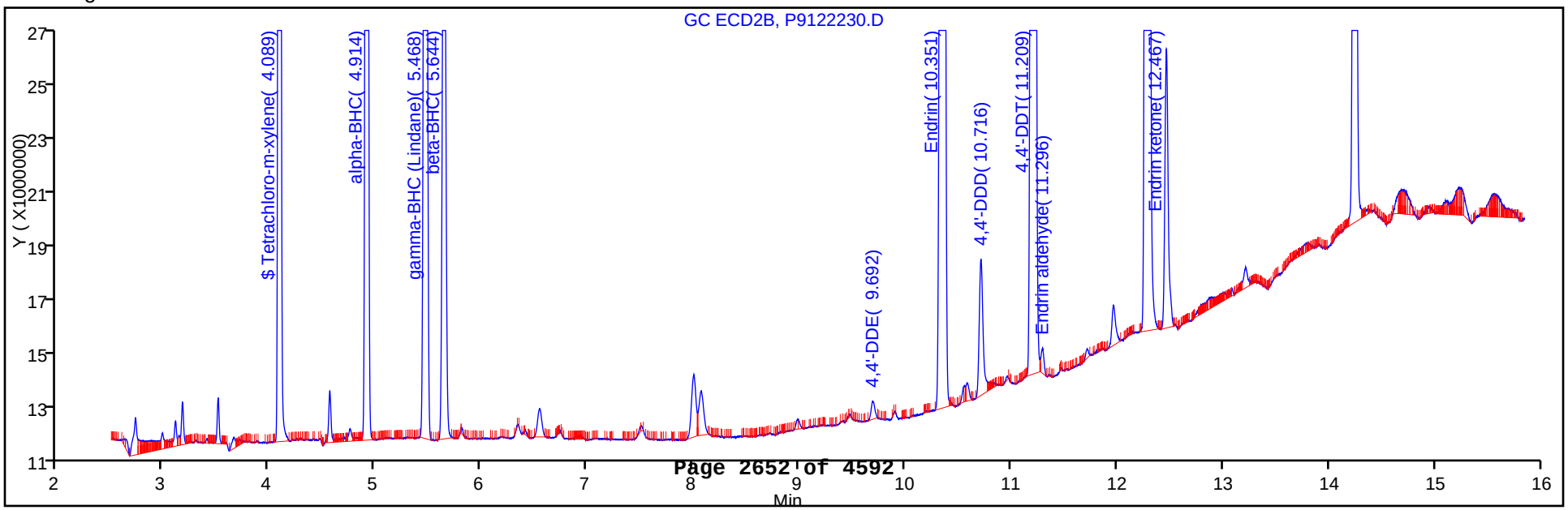
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122230.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 23:20:33 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 30 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 31-Dec-2012 13:52:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

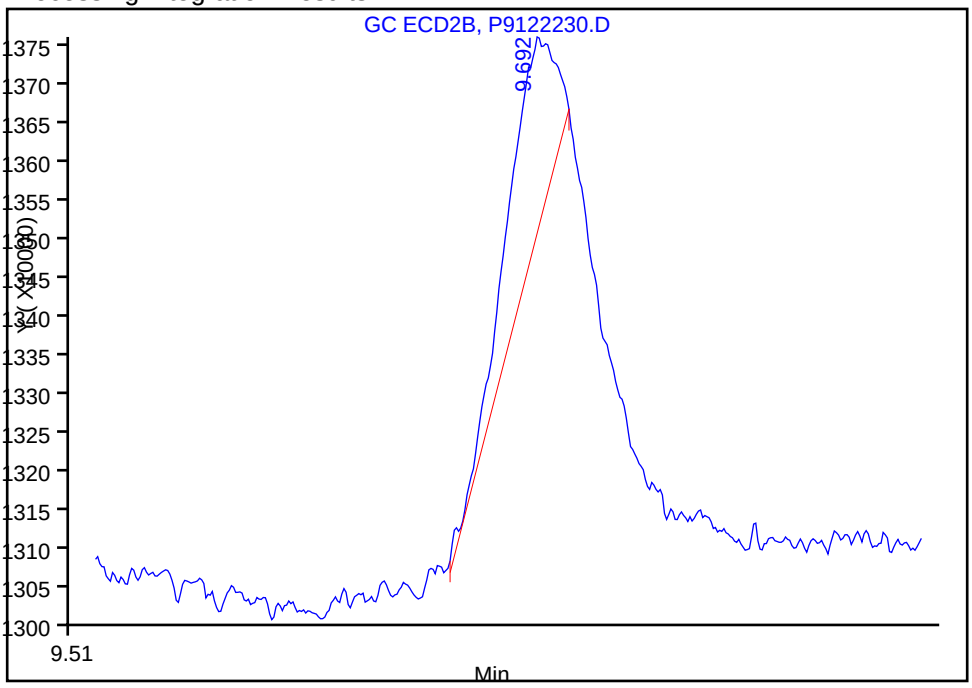
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122230.D | | |
| Injection Date: | 22-Dec-2012 23:20:33 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 30 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

2 4,4'-DDE, Signal: 2, Type: quant, RT: 9.69, Det: GC ecd2b

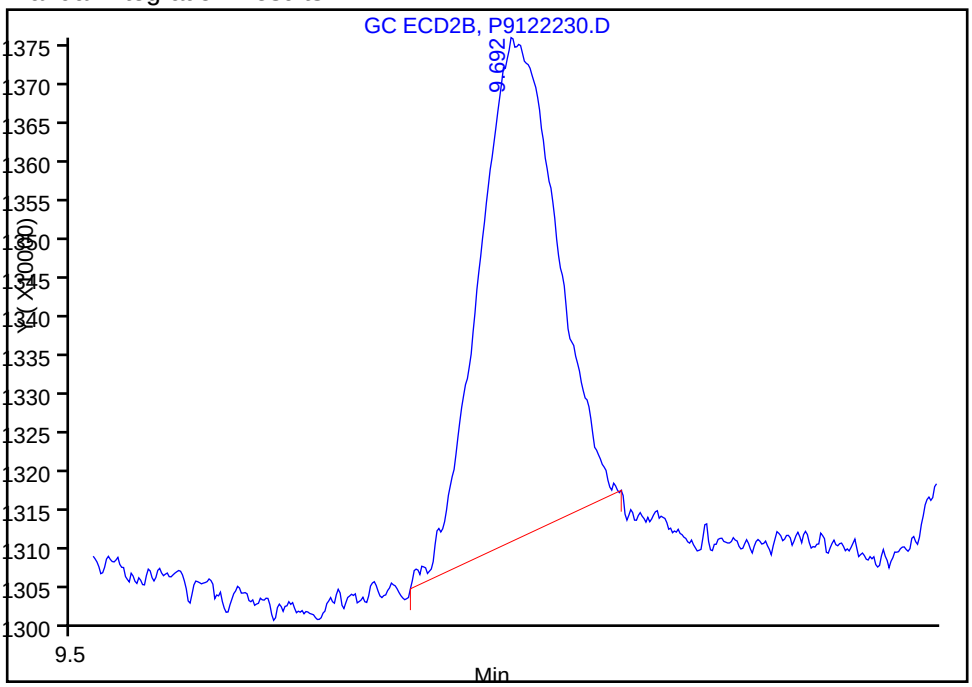
Processing Integration Results

RT: 9.69
Response: 337323
Amount: 0.000039




Manual Integration Results

RT: 9.69
Response: 1546660
Amount: 0.000179




Reviewer: vandorenc, 31-Dec-2012 13:28:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 3421434316 | 3611996720 | | 0.0264 | 0.0250 | 5.6 | 20.0 |
| gamma-BHC (Lindane) | Ave | 2913769986 | 3135748400 | | 0.0269 | 0.0250 | 7.6 | 20.0 |
| beta-BHC | Ave | 1250224244 | 1333679920 | | 0.0267 | 0.0250 | 6.7 | 20.0 |
| delta-BHC | Ave | 3061752536 | 3329859200 | | 0.0272 | 0.0250 | 8.8 | 20.0 |
| Heptachlor | Ave | 2655006807 | 2899129360 | | 0.0273 | 0.0250 | 9.2 | 20.0 |
| Aldrin | Ave | 3189768763 | 3308185400 | | 0.0259 | 0.0250 | 3.7 | 20.0 |
| Heptachlor epoxide | Ave | 2580951581 | 2806662680 | | 0.0272 | 0.0250 | 8.7 | 20.0 |
| gamma-Chlordane | Ave | 2810352112 | 3001504240 | | 0.0267 | 0.0250 | 6.8 | 20.0 |
| alpha-Chlordane | Ave | 2914578305 | 2990603320 | | 0.0257 | 0.0250 | 2.6 | 20.0 |
| Endosulfan I | Ave | 2430184025 | 2632445160 | | 0.0271 | 0.0250 | 8.3 | 20.0 |
| 4,4'-DDE | Ave | 2984641558 | 3128705360 | | 0.0262 | 0.0250 | 4.8 | 20.0 |
| Dieldrin | Ave | 2497683571 | 2678820040 | | 0.0268 | 0.0250 | 7.3 | 20.0 |
| Endrin | Ave | 2266106237 | 2429587440 | | 0.0268 | 0.0250 | 7.2 | 20.0 |
| 4,4'-DDD | Ave | 1836592891 | 1962755440 | | 0.0267 | 0.0250 | 6.9 | 20.0 |
| Endosulfan II | Ave | 2359969486 | 2591363160 | | 0.0275 | 0.0250 | 9.8 | 20.0 |
| 4,4'-DDT | Ave | 1994537456 | 2164070920 | | 0.0271 | 0.0250 | 8.5 | 20.0 |
| Endrin aldehyde | Ave | 1799719498 | 1923478000 | | 0.0267 | 0.0250 | 6.9 | 20.0 |
| Methoxychlor | Ave | 935306693 | 1008808200 | | 0.0270 | 0.0250 | 7.9 | 20.0 |
| Endosulfan sulfate | Ave | 2170510402 | 2365754320 | | 0.0272 | 0.0250 | 9.0 | 20.0 |
| Endrin ketone | Ave | 2244151853 | 2309599600 | | 0.0257 | 0.0250 | 2.9 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.18 | 4.16 | 4.22 |
| gamma-BHC (Lindane) | 4.56 | 4.53 | 4.59 |
| beta-BHC | 4.69 | 4.66 | 4.72 |
| delta-BHC | 4.90 | 4.88 | 4.94 |
| Heptachlor | 5.19 | 5.15 | 5.22 |
| Aldrin | 5.64 | 5.61 | 5.67 |
| Heptachlor epoxide | 6.87 | 6.84 | 6.90 |
| gamma-Chlordane | 7.17 | 7.14 | 7.20 |
| alpha-Chlordane | 7.52 | 7.50 | 7.56 |
| Endosulfan I | 7.80 | 7.77 | 7.83 |
| 4,4'-DDE | 7.90 | 7.88 | 7.94 |
| Dieldrin | 8.37 | 8.34 | 8.40 |
| Endrin | 8.82 | 8.80 | 8.86 |
| 4,4'-DDD | 9.19 | 9.16 | 9.22 |
| Endosulfan II | 9.28 | 9.25 | 9.31 |
| 4,4'-DDT | 9.71 | 9.68 | 9.74 |
| Endrin aldehyde | 10.07 | 10.04 | 10.10 |
| Methoxychlor | 10.66 | 10.63 | 10.69 |
| Endosulfan sulfate | 10.79 | 10.76 | 10.82 |
| Endrin ketone | 11.19 | 11.16 | 11.22 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 13:33:04 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67554 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:35:31

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.185 | -0.002 | 90299918 | 0.0264 | | | |
| 2 | 100 | 4.921 | 4.921 | 0.000 | 270256822 | 0.0250 | | | |
| | | | | | | RPD = 5.32 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.560 | -0.001 | 78393710 | 0.0269 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 231143123 | 0.0258 | | | |
| | | | | | | RPD = 4.36 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 33341998 | 0.0267 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 98349562 | 0.0261 | | | |
| | | | | | | RPD = 2.27 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.905 | -0.001 | 83246480 | 0.0272 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 242367693 | 0.0257 | | | |
| | | | | | | RPD = 5.60 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.187 | -0.001 | 72478234 | 0.0273 | | | |
| 2 | 100 | 6.302 | 6.303 | -0.001 | 209930947 | 0.0264 | | | |
| | | | | | | RPD = 3.41 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.637 | 5.639 | -0.002 | 82704635 | 0.0259 | | | |
| 2 | 100 | 7.021 | 7.021 | 0.000 | 223205752 | 0.0252 | | | |
| | | | | | | RPD = 2.77 | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.868 | -0.002 | 70166567 | 0.0272 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 192758553 | 0.0264 | | | |
| | | | | | | RPD = 2.83 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.174 | -0.003 | 75037606 | 0.0267 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 193046161 | 0.0258 | | | |
| | | | | | | RPD = 3.25 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.522 | 7.526 | -0.004 | 74765083 | 0.0257 | | | |
| 2 | 100 | 9.246 | 9.246 | 0.000 | 188416441 | 0.0249 | | | |
| | | | | | | RPD = 2.89 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.803 | -0.003 | 65811129 | 0.0271 | | | |
| 2 | 100 | 9.306 | 9.307 | -0.001 | 165090289 | 0.0267 | | | |
| | | | | | | RPD = 1.59 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.903 | 7.906 | -0.003 | 78217634 | 0.0262 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 186708047 | 0.0249 | | | |
| | | | | | | RPD = 5.13 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.366 | 8.367 | -0.001 | 66970501 | 0.0268 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 179973939 | 0.0264 | | | |
| | | | | | | RPD = 1.41 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.823 | 8.827 | -0.004 | 60739686 | 0.0268 | | | |
| 2 | 100 | 10.365 | 10.363 | 0.002 | 166091839 | 0.0263 | | | |
| | | | | | | RPD = 2.08 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.187 | 9.188 | -0.001 | 49068886 | 0.0267 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 291513708 | 0.0270 | | | |
| | | | | | | RPD = 1.12 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.275 | 9.276 | -0.001 | 64784079 | 0.0275 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 291513708 | 0.0266 | | | |
| | | | | | | RPD = 2.99 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.711 | -0.002 | 54101773 | 0.0271 | | | |
| 2 | 100 | 11.220 | 11.221 | -0.001 | 129456951 | 0.0263 | | | |
| | | | | | | RPD = 3.22 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.071 | -0.002 | 48086950 | 0.0267 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 126050192 | 0.0266 | | | |
| | | | | | | RPD = 0.30 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.661 | -0.001 | 25220205 | 0.0270 | | | |
| 2 | 100 | 12.298 | 12.297 | 0.001 | 63965734 | 0.0257 | | | |
| | | | | | | RPD = 4.79 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.793 | 10.794 | -0.001 | 59143858 | 0.0272 | | | |
| 2 | 100 | 11.740 | 11.741 | -0.001 | 150749820 | 0.0266 | | | |
| | | | | | | RPD = 2.33 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.192 | 11.194 | -0.002 | 57739990 | 0.0257 | | | |
| 2 | 100 | 12.479 | 12.478 | 0.001 | 148410829 | 0.0257 | | | |
| | | | | | | RPD = 0.00 | | | |

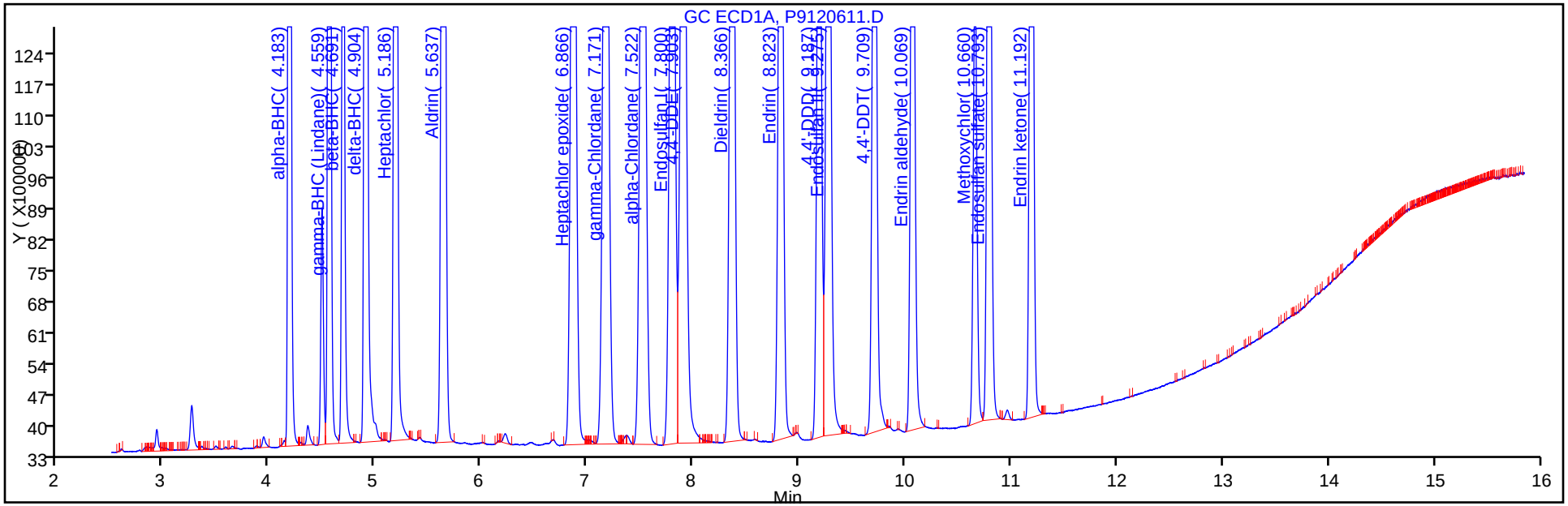
Report Date: 07-Dec-2012 10:25:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

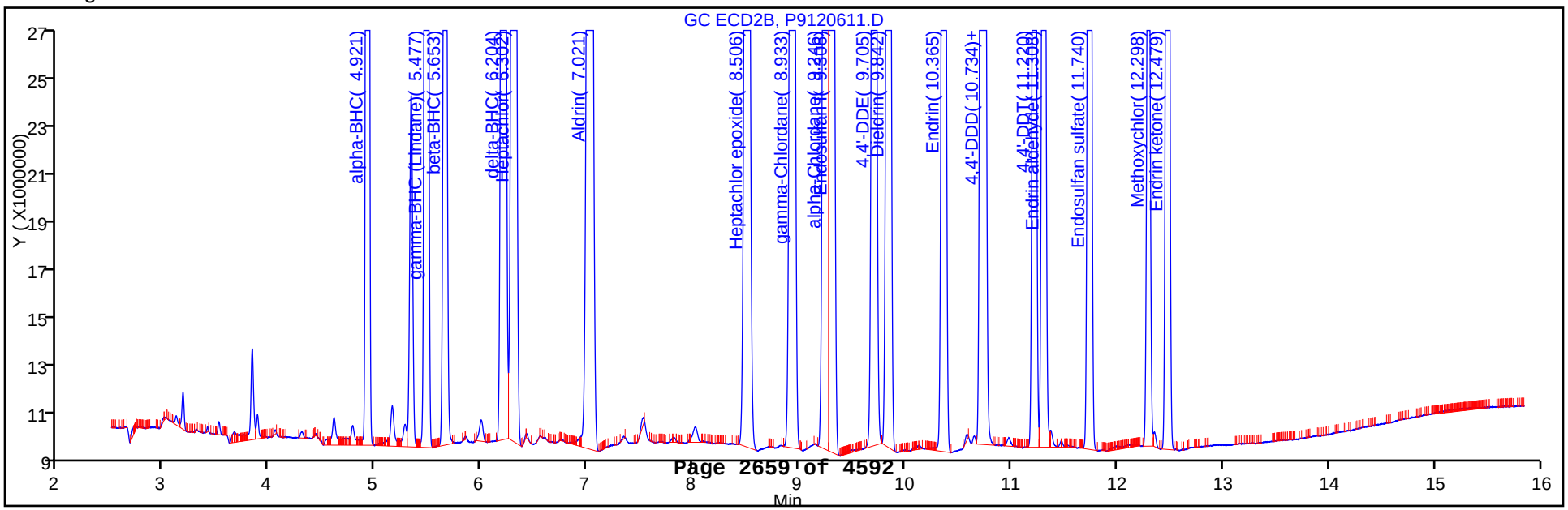
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:33:04 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 11 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 10799529128 | 10810272880 | | 0.0250 | 0.0250 | 0.1 | 20.0 |
| gamma-BHC (Lindane) | Ave | 8974140307 | 9245724920 | | 0.0258 | 0.0250 | 3.0 | 20.0 |
| beta-BHC | Ave | 3772427859 | 3933982480 | | 0.0261 | 0.0250 | 4.3 | 20.0 |
| delta-BHC | Ave | 9427568690 | 9694707720 | | 0.0257 | 0.0250 | 2.8 | 20.0 |
| Heptachlor | Ave | 7957007710 | 8397237880 | | 0.0264 | 0.0250 | 5.5 | 20.0 |
| Aldrin | Ave | 8850366058 | 8928230080 | | 0.0252 | 0.0250 | 0.9 | 20.0 |
| Heptachlor epoxide | Ave | 7294024537 | 7710342120 | | 0.0264 | 0.0250 | 5.7 | 20.0 |
| gamma-Chlordane | Ave | 7469037572 | 7721846440 | | 0.0258 | 0.0250 | 3.4 | 20.0 |
| alpha-Chlordane | Ave | 7560544032 | 7536657640 | | 0.0249 | 0.0250 | -0.3 | 20.0 |
| Endosulfan I | Ave | 6193816738 | 6603611560 | | 0.0267 | 0.0250 | 6.6 | 20.0 |
| 4,4'-DDE | Ave | 7499608111 | 7468321880 | | 0.0249 | 0.0250 | -0.4 | 20.0 |
| Dieldrin | Ave | 6807572539 | 7198957560 | | 0.0264 | 0.0250 | 5.7 | 20.0 |
| Endrin | Ave | 6326640752 | 6643673560 | | 0.0263 | 0.0250 | 5.0 | 20.0 |
| 4,4'-DDD | Ave | 10789989010 | 11660548320 | | 0.0270 | 0.0250 | 8.1 | 20.0 |
| Endosulfan II | Ave | 10941323443 | 11660548320 | | 0.0266 | 0.0250 | 6.6 | 20.0 |
| 4,4'-DDT | Ave | 4929043014 | 5178278040 | | 0.0263 | 0.0250 | 5.1 | 20.0 |
| Endrin aldehyde | Ave | 4731747302 | 5042007680 | | 0.0266 | 0.0250 | 6.6 | 20.0 |
| Endosulfan sulfate | Ave | 5662882600 | 6029992800 | | 0.0266 | 0.0250 | 6.5 | 20.0 |
| Methoxychlor | Ave | 2488628073 | 2558629360 | | 0.0257 | 0.0250 | 2.8 | 20.0 |
| Endrin ketone | Ave | 5768215223 | 5936433160 | | 0.0257 | 0.0250 | 2.9 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.92 | 4.89 | 4.95 |
| gamma-BHC (Lindane) | 5.48 | 5.45 | 5.51 |
| beta-BHC | 5.65 | 5.62 | 5.68 |
| delta-BHC | 6.20 | 6.17 | 6.23 |
| Heptachlor | 6.30 | 6.27 | 6.34 |
| Aldrin | 7.02 | 6.99 | 7.05 |
| Heptachlor epoxide | 8.51 | 8.48 | 8.54 |
| gamma-Chlordane | 8.93 | 8.90 | 8.96 |
| alpha-Chlordane | 9.25 | 9.22 | 9.28 |
| Endosulfan I | 9.31 | 9.28 | 9.34 |
| 4,4'-DDE | 9.71 | 9.68 | 9.74 |
| Dieldrin | 9.84 | 9.81 | 9.87 |
| Endrin | 10.37 | 10.33 | 10.39 |
| 4,4'-DDD | 10.73 | 10.71 | 10.77 |
| Endosulfan II | 10.73 | 10.71 | 10.77 |
| 4,4'-DDT | 11.22 | 11.19 | 11.25 |
| Endrin aldehyde | 11.31 | 11.28 | 11.34 |
| Endosulfan sulfate | 11.74 | 11.71 | 11.77 |
| Methoxychlor | 12.30 | 12.27 | 12.33 |
| Endrin ketone | 12.48 | 12.45 | 12.51 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 13:33:04 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67554 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:35:31

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.185 | -0.002 | 90299918 | 0.0264 | | | |
| 2 | 100 | 4.921 | 4.921 | 0.000 | 270256822 | 0.0250 | | | |
| | | | | | | RPD = 5.32 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.560 | -0.001 | 78393710 | 0.0269 | | | |
| 2 | 100 | 5.477 | 5.477 | 0.000 | 231143123 | 0.0258 | | | |
| | | | | | | RPD = 4.36 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 33341998 | 0.0267 | | | |
| 2 | 100 | 5.653 | 5.653 | 0.000 | 98349562 | 0.0261 | | | |
| | | | | | | RPD = 2.27 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.905 | -0.001 | 83246480 | 0.0272 | | | |
| 2 | 100 | 6.204 | 6.204 | 0.000 | 242367693 | 0.0257 | | | |
| | | | | | | RPD = 5.60 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.187 | -0.001 | 72478234 | 0.0273 | | | |
| 2 | 100 | 6.302 | 6.303 | -0.001 | 209930947 | 0.0264 | | | |
| | | | | | | RPD = 3.41 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.637 | 5.639 | -0.002 | 82704635 | 0.0259 | | | |
| 2 | 100 | 7.021 | 7.021 | 0.000 | 223205752 | 0.0252 | | | |
| | | | | | | RPD = 2.77 | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.868 | -0.002 | 70166567 | 0.0272 | | | |
| 2 | 100 | 8.506 | 8.506 | 0.000 | 192758553 | 0.0264 | | | |
| | | | | | | RPD = 2.83 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.174 | -0.003 | 75037606 | 0.0267 | | | |
| 2 | 100 | 8.933 | 8.933 | 0.000 | 193046161 | 0.0258 | | | |
| | | | | | | RPD = 3.25 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.522 | 7.526 | -0.004 | 74765083 | 0.0257 | | | |
| 2 | 100 | 9.246 | 9.246 | 0.000 | 188416441 | 0.0249 | | | |
| | | | | | | RPD = 2.89 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.803 | -0.003 | 65811129 | 0.0271 | | | |
| 2 | 100 | 9.306 | 9.307 | -0.001 | 165090289 | 0.0267 | | | |
| | | | | | | RPD = 1.59 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.903 | 7.906 | -0.003 | 78217634 | 0.0262 | | | |
| 2 | 100 | 9.705 | 9.706 | -0.001 | 186708047 | 0.0249 | | | |
| | | | | | | RPD = 5.13 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.366 | 8.367 | -0.001 | 66970501 | 0.0268 | | | |
| 2 | 100 | 9.842 | 9.842 | 0.000 | 179973939 | 0.0264 | | | |
| | | | | | | RPD = 1.41 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.823 | 8.827 | -0.004 | 60739686 | 0.0268 | | | |
| 2 | 100 | 10.365 | 10.363 | 0.002 | 166091839 | 0.0263 | | | |
| | | | | | | RPD = 2.08 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.187 | 9.188 | -0.001 | 49068886 | 0.0267 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 291513708 | 0.0270 | | | |
| | | | | | | RPD = 1.12 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.275 | 9.276 | -0.001 | 64784079 | 0.0275 | | | |
| 2 | 100 | 10.734 | 10.735 | -0.001 | 291513708 | 0.0266 | | | |
| | | | | | | RPD = 2.99 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.711 | -0.002 | 54101773 | 0.0271 | | | |
| 2 | 100 | 11.220 | 11.221 | -0.001 | 129456951 | 0.0263 | | | |
| | | | | | | RPD = 3.22 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.071 | -0.002 | 48086950 | 0.0267 | | | |
| 2 | 100 | 11.308 | 11.309 | -0.001 | 126050192 | 0.0266 | | | |
| | | | | | | RPD = 0.30 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.661 | -0.001 | 25220205 | 0.0270 | | | |
| 2 | 100 | 12.298 | 12.297 | 0.001 | 63965734 | 0.0257 | | | |
| | | | | | | RPD = 4.79 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.793 | 10.794 | -0.001 | 59143858 | 0.0272 | | | |
| 2 | 100 | 11.740 | 11.741 | -0.001 | 150749820 | 0.0266 | | | |
| | | | | | | RPD = 2.33 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.192 | 11.194 | -0.002 | 57739990 | 0.0257 | | | |
| 2 | 100 | 12.479 | 12.478 | 0.001 | 148410829 | 0.0257 | | | |
| | | | | | | RPD = 0.00 | | | |

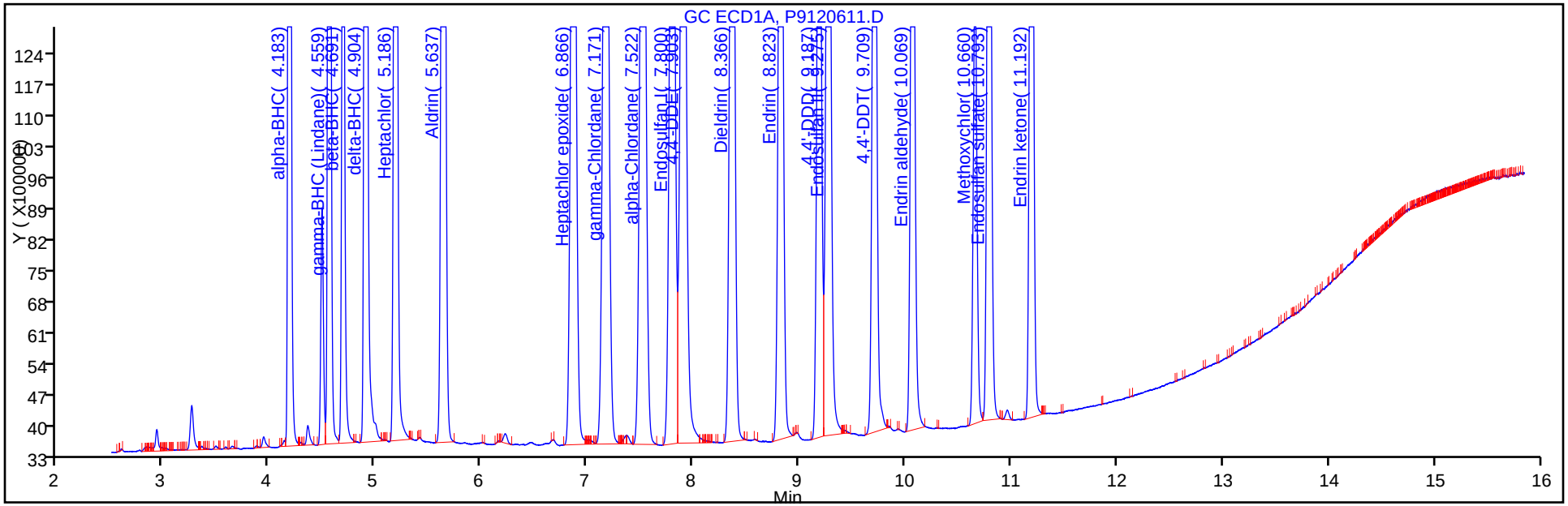
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TestAmerica Canton

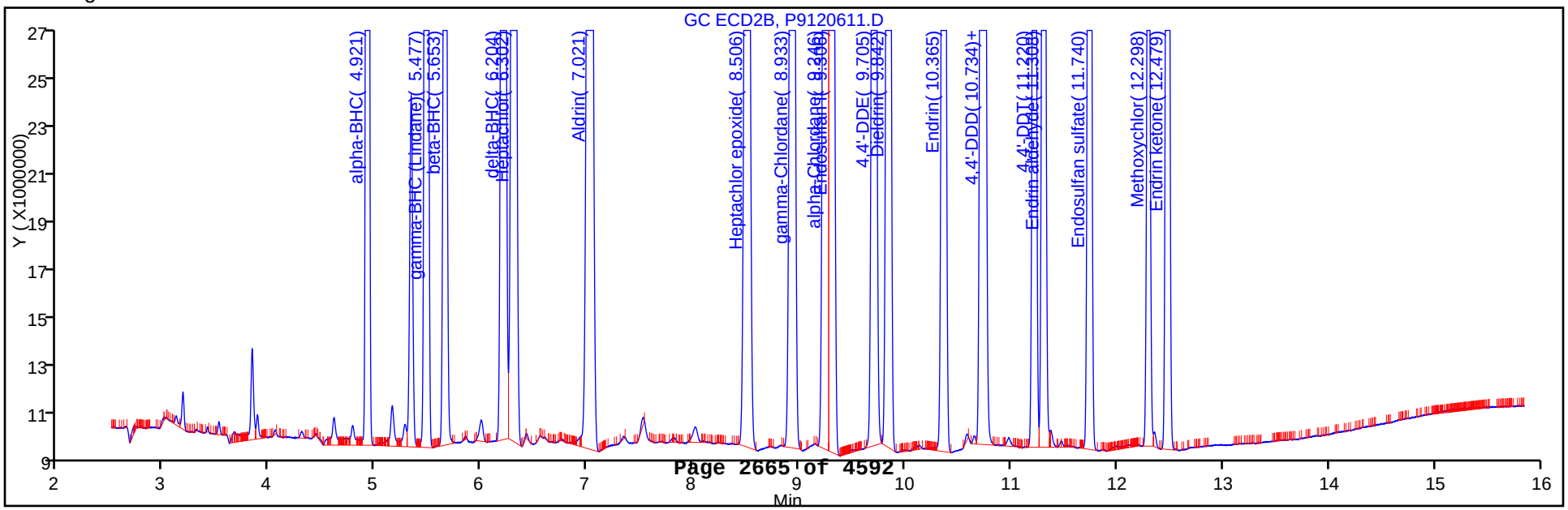
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| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 13:33:04 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 11 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 68992790 | 39207309 | | 0.568 | 1.00 | -43.2* | 20.0 |
| Toxaphene Peak 2 | Ave | 85469637 | 68167548 | | 0.798 | 1.00 | -20.2* | 20.0 |
| Toxaphene Peak 3 | Ave | 73765512 | 68088453 | | 0.923 | 1.00 | -7.7 | 20.0 |
| Toxaphene Peak 4 | Ave | 98743767 | 108899183 | | 1.10 | 1.00 | 10.3 | 20.0 |
| Toxaphene Peak 5 | Ave | 63625849 | 95304588 | | 1.50 | 1.00 | 49.8* | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 9.51 | 9.48 | 9.54 |
| Toxaphene Peak 2 | 9.95 | 9.92 | 9.98 |
| Toxaphene Peak 3 | 10.02 | 9.99 | 10.05 |
| Toxaphene Peak 4 | 10.60 | 10.58 | 10.64 |
| Toxaphene Peak 5 | 11.17 | 11.14 | 11.20 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 16:16:09 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67554 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:40 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:53:37

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.507 | 9.508 | -0.001 | 39207309 | 0.5683 | | 100.0 | M |
| 1 | 2 | 9.950 | 9.951 | -0.001 | 68167548 | 0.7976 | 105.5- 145.5 | 173.9 | M |
| 1 | 3 | 10.023 | 10.021 | 0.002 | 68088453 | 0.9230 | 90.3- 130.3 | 173.7 | M |
| 1 | 4 | 10.603 | 10.605 | -0.002 | 108899183 | 1.10 | 116.9- 156.9 | 277.8 | M |
| 1 | 5 | 11.168 | 11.170 | -0.002 | 95304588 | 1.50 | 64.5- 104.5 | 243.1 | M |
| | | | Average of Peak Amounts = | | | 0.9779 | | | |
| 2 | 100 | 10.898 | 10.898 | 0.000 | 161727066 | 0.6092 | | 100.0 | M |
| 2 | 2 | 11.447 | 11.448 | -0.001 | 111317261 | 0.6707 | 43.7- 83.7 | 68.8 | M |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 156685730 | 0.9137 | 45.7- 85.7 | 96.9 | M |
| 2 | 4 | 12.077 | 12.077 | 0.000 | 244273242 | 0.9512 | 80.2- 120.2 | 151.0 | M |
| 2 | 5 | 12.461 | 12.464 | -0.003 | 105618515 | 0.8639 | 28.1- 68.1 | 65.3 | M |
| | | | Average of Peak Amounts = | | | 0.8017 | | | |
| | | | | | | RPD = 19.80 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

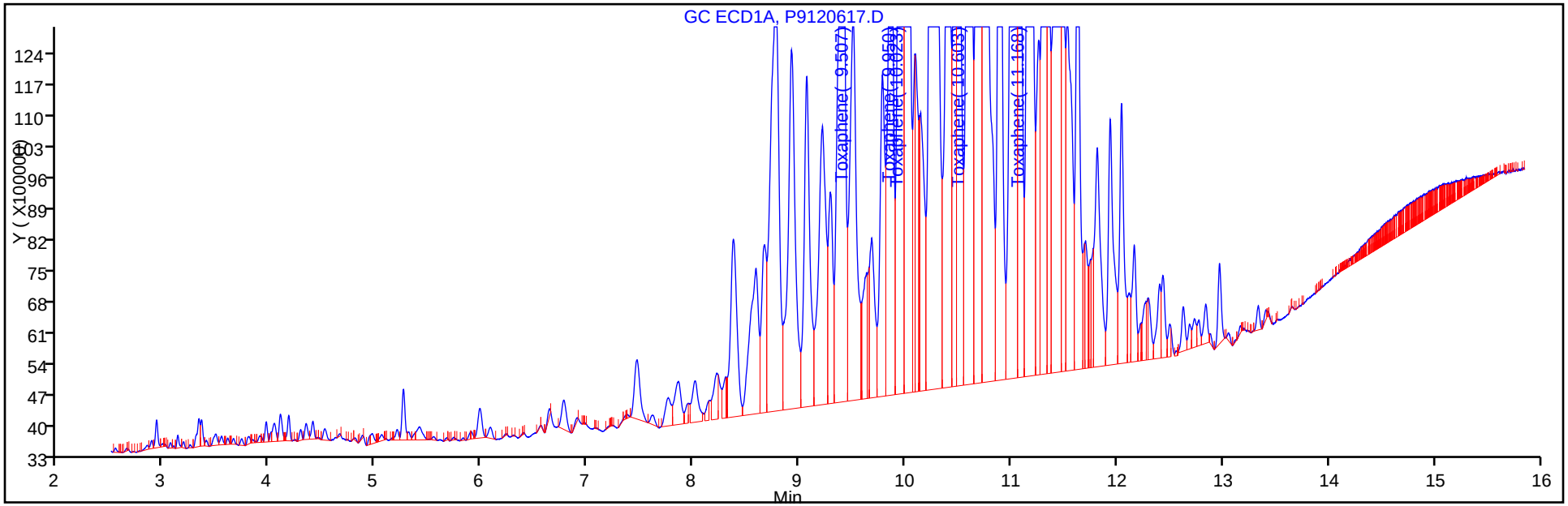
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TestAmerica Canton

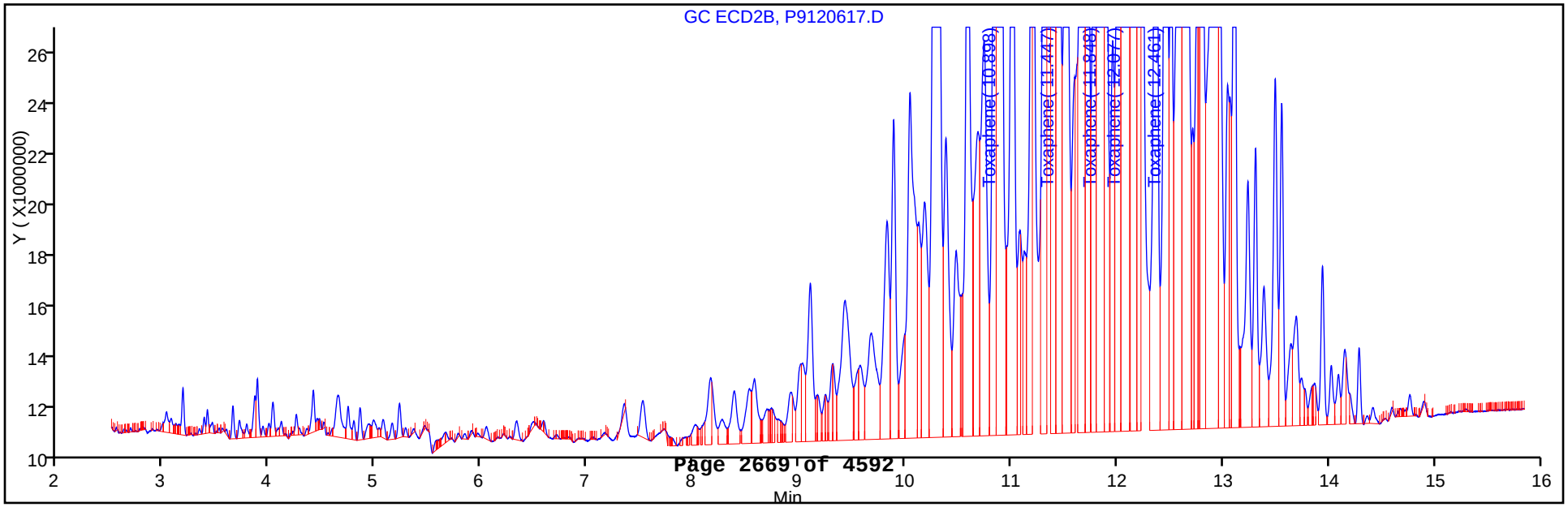
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 16:16:09 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 17 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



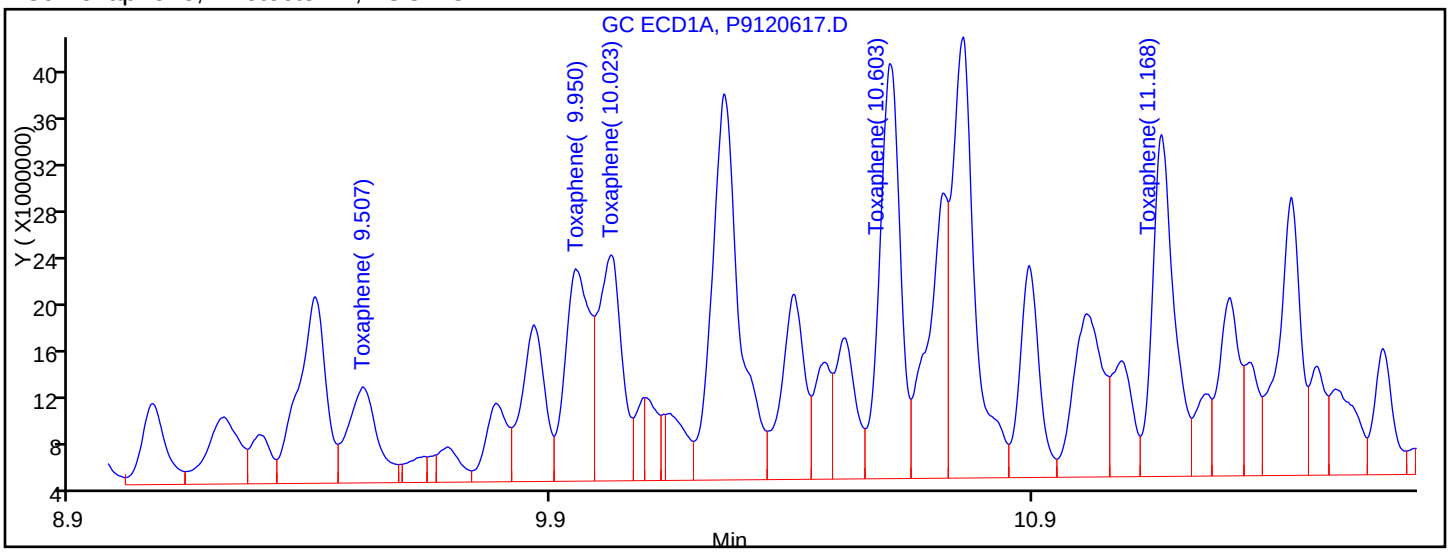
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

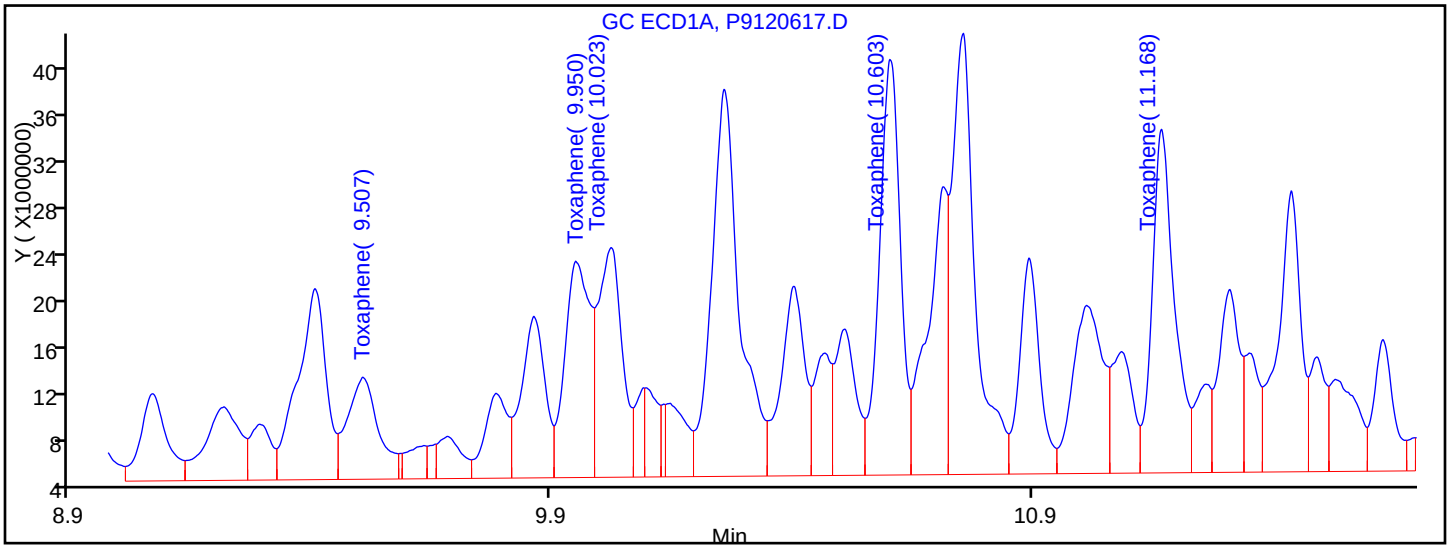
| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 16:16:09 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 17 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 1, GC ECD1A




Processing Integration Results

| | | |
|---|---|---|
| RT = 9.507 | Response = 34282558 | M |
| RT = 9.950 | Response = 64878341 | M |
| RT = 10.023 | Response = 64930404 | M |
| RT = 10.603 | Response = 105162425 | M |
| RT = 11.168 | Response = 91153670 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 9.507 | Response = 39207309 | M |
| RT = 9.950 | Response = 68167548 | M |
| RT = 10.023 | Response = 68088453 | M |
| RT = 10.603 | Response = 108899183 | M |
| RT = 11.168 | Response = 95304588 | M |

Reviewer: vandorenc, 07-Dec-2012 07:59:02

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 265485355 | 161727066 | | 0.609 | 1.00 | -39.1* | 20.0 |
| Toxaphene Peak 2 | Ave | 165982849 | 111317261 | | 0.671 | 1.00 | -32.9* | 20.0 |
| Toxaphene Peak 3 | Ave | 171487862 | 156685730 | | 0.914 | 1.00 | -8.6 | 20.0 |
| Toxaphene Peak 4 | Ave | 256795996 | 244273242 | | 0.951 | 1.00 | -4.9 | 20.0 |
| Toxaphene Peak 5 | Ave | 122259762 | 105618515 | | 0.864 | 1.00 | -13.6 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 10.90 | 10.87 | 10.93 |
| Toxaphene Peak 2 | 11.45 | 11.42 | 11.48 |
| Toxaphene Peak 3 | 11.85 | 11.82 | 11.88 |
| Toxaphene Peak 4 | 12.08 | 12.05 | 12.11 |
| Toxaphene Peak 5 | 12.46 | 12.43 | 12.49 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D
Lims ID: ICV
Client ID:
Inject. Date: 06-Dec-2012 16:16:09
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-017
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 17
Lims Batch ID: 67554
Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:40
Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc
Date: 07-Dec-2012 07:53:37

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.507 | 9.508 | -0.001 | 39207309 | 0.5683 | | 100.0 | M |
| 1 | 2 | 9.950 | 9.951 | -0.001 | 68167548 | 0.7976 | 105.5- 145.5 | 173.9 | M |
| 1 | 3 | 10.023 | 10.021 | 0.002 | 68088453 | 0.9230 | 90.3- 130.3 | 173.7 | M |
| 1 | 4 | 10.603 | 10.605 | -0.002 | 108899183 | 1.10 | 116.9- 156.9 | 277.8 | M |
| 1 | 5 | 11.168 | 11.170 | -0.002 | 95304588 | 1.50 | 64.5- 104.5 | 243.1 | M |
| | | | Average of Peak Amounts = | | | 0.9779 | | | |
| 2 | 100 | 10.898 | 10.898 | 0.000 | 161727066 | 0.6092 | | 100.0 | M |
| 2 | 2 | 11.447 | 11.448 | -0.001 | 111317261 | 0.6707 | 43.7- 83.7 | 68.8 | M |
| 2 | 3 | 11.848 | 11.848 | 0.000 | 156685730 | 0.9137 | 45.7- 85.7 | 96.9 | M |
| 2 | 4 | 12.077 | 12.077 | 0.000 | 244273242 | 0.9512 | 80.2- 120.2 | 151.0 | M |
| 2 | 5 | 12.461 | 12.464 | -0.003 | 105618515 | 0.8639 | 28.1- 68.1 | 65.3 | M |
| | | | Average of Peak Amounts = | | | 0.8017 | | | |
| | | | | | | RPD = 19.80 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

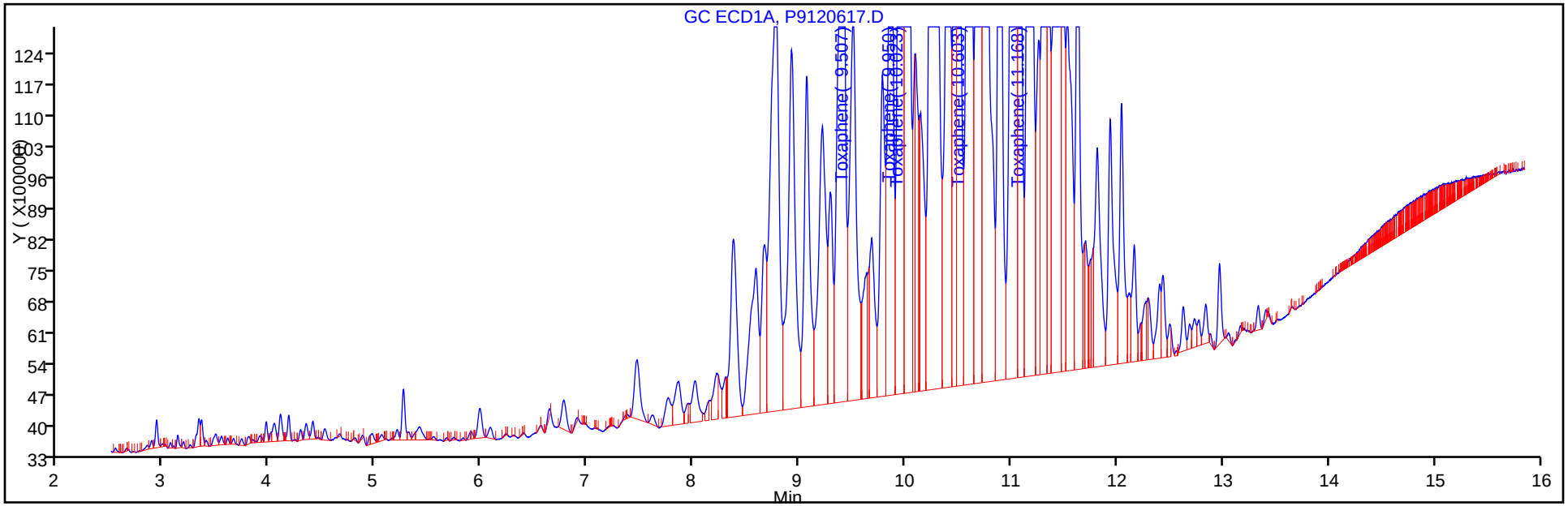
Report Date: 07-Dec-2012 10:25:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

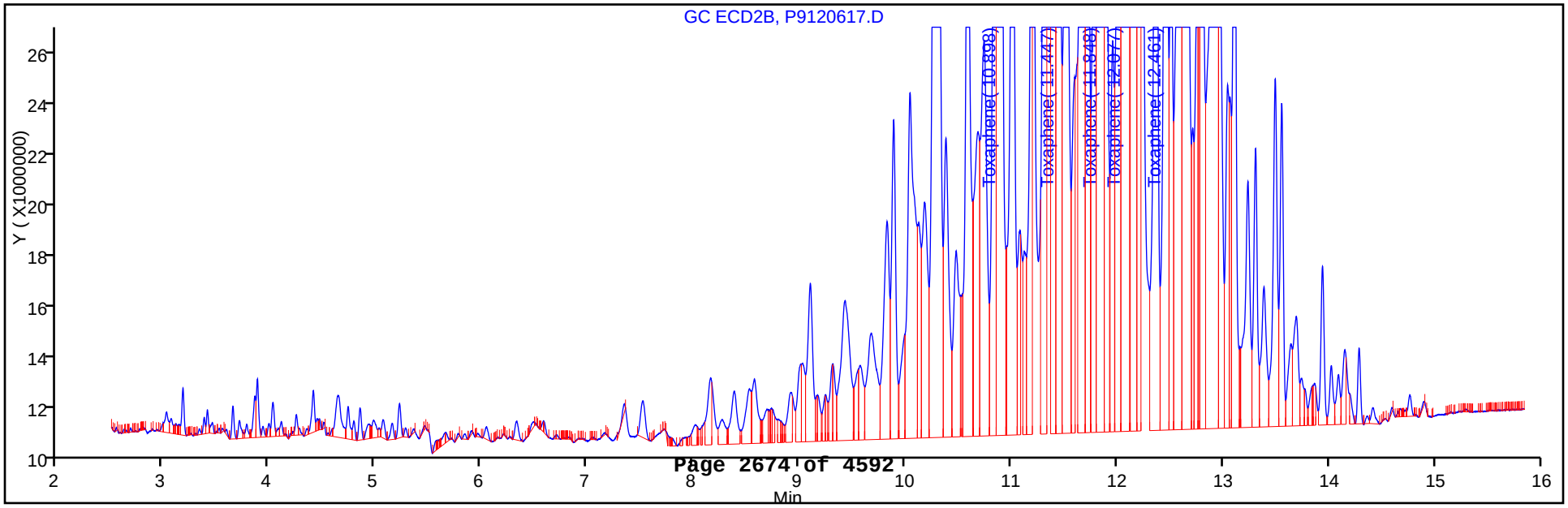
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 16:16:09 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 17 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



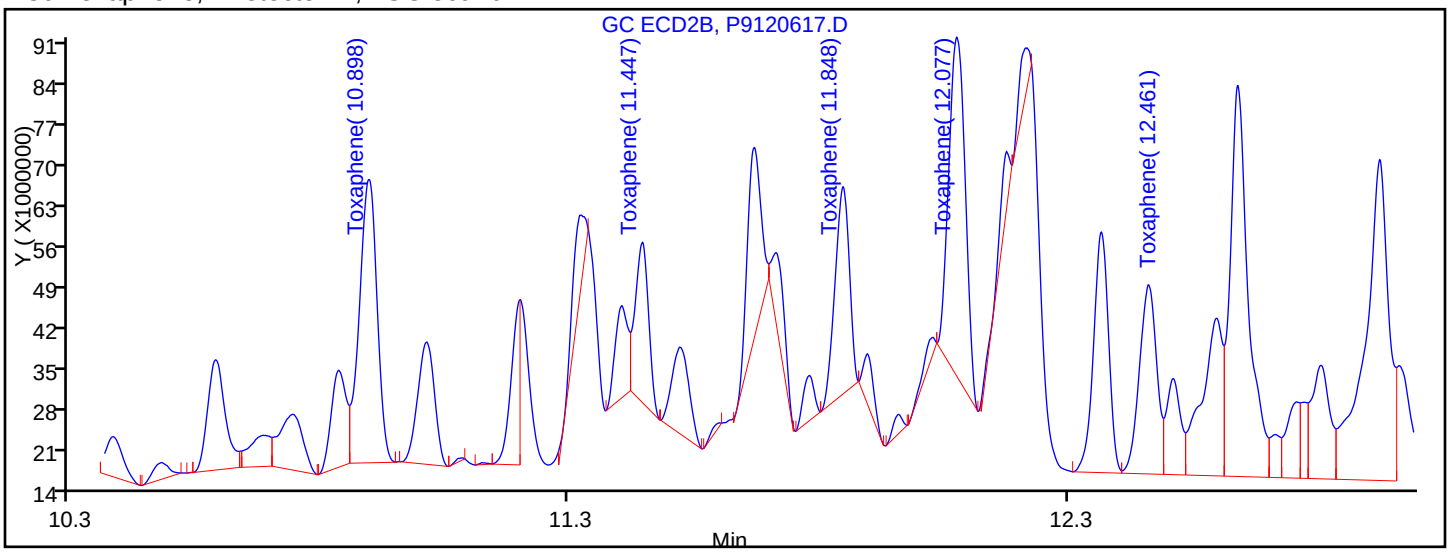
Report Date: 07-Dec-2012 10:25:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

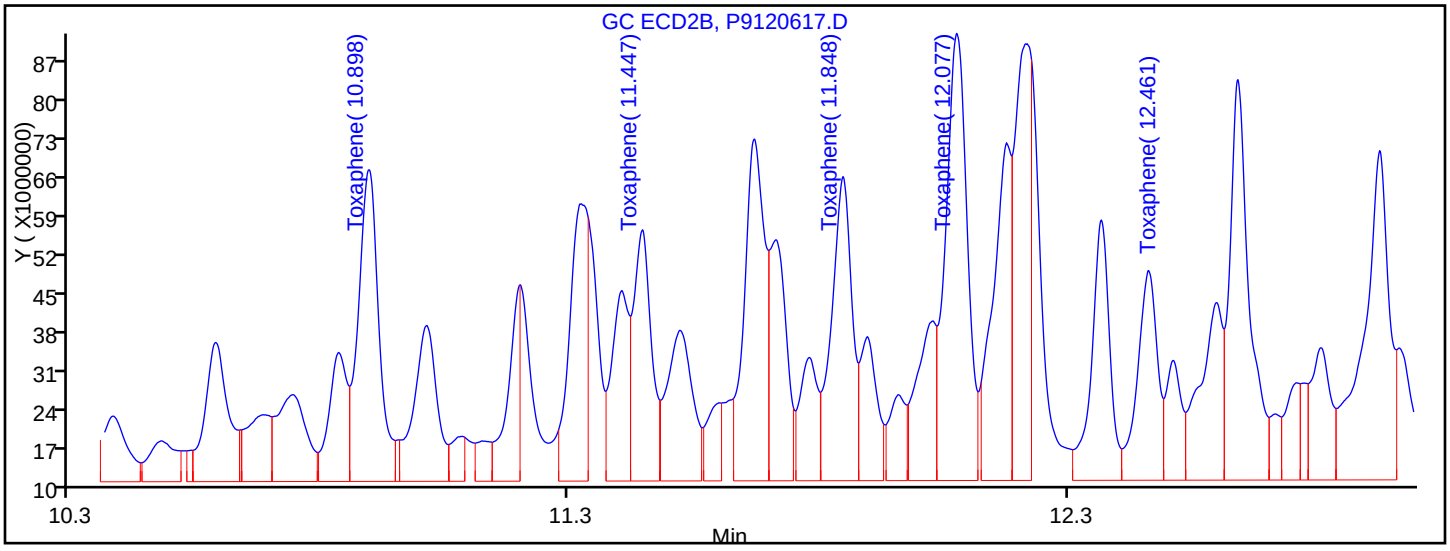
| | | | |
|---|---|---|---|
| Injection Date: | 06-Dec-2012 16:16:09 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 67554 | Lims Sample ID: | 17 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 2, GC ecd2b




Processing Integration Results

| | | |
|---|---|---|
| RT = 10.898 | Response = 121603683 | M |
| RT = 11.447 | Response = 51303547 | M |
| RT = 11.848 | Response = 72063183 | M |
| RT = 12.077 | Response = 135665421 | M |
| RT = 12.461 | Response = 79499235 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 10.898 | Response = 161727066 | M |
| RT = 11.447 | Response = 111317261 | M |
| RT = 11.848 | Response = 156685730 | M |
| RT = 12.077 | Response = 244273242 | M |
| RT = 12.461 | Response = 105618515 | M |

Reviewer: vandorenc, 07-Dec-2012 07:59:02

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121805.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 68992790 | 68618510 | | 0.995 | 1.00 | -0.5 | 20.0 |
| Toxaphene Peak 2 | Ave | 85469637 | 85835308 | | 1.00 | 1.00 | 0.4 | 20.0 |
| Toxaphene Peak 3 | Ave | 73765512 | 67734840 | | 0.918 | 1.00 | -8.2 | 20.0 |
| Toxaphene Peak 4 | Ave | 98743767 | 91264191 | | 0.924 | 1.00 | -7.6 | 20.0 |
| Toxaphene Peak 5 | Ave | 63625849 | 58408675 | | 0.918 | 1.00 | -8.2 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121805.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 9.51 | 9.48 | 9.54 |
| Toxaphene Peak 2 | 9.95 | 9.92 | 9.98 |
| Toxaphene Peak 3 | 10.02 | 9.99 | 10.05 |
| Toxaphene Peak 4 | 10.60 | 10.57 | 10.63 |
| Toxaphene Peak 5 | 11.17 | 11.14 | 11.20 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 10:28:11 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69152 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:15:01

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.505 | 9.505 | 0.000 | 68618510 | 0.99 | | 100.0 | M |
| 1 | 2 | 9.950 | 9.950 | 0.000 | 85835308 | 1.00 | 105.5- 145.5 | 125.1 | M |
| 1 | 3 | 10.016 | 10.016 | 0.000 | 67734840 | 0.9182 | 90.3- 130.3 | 98.7 | M |
| 1 | 4 | 10.601 | 10.601 | 0.000 | 91264191 | 0.9243 | 116.9- 156.9 | 133.0 | M |
| 1 | 5 | 11.167 | 11.167 | 0.000 | 58408675 | 0.9180 | 64.5- 104.5 | 85.1 | M |
| | | | Average of Peak Amounts = | | | 0.9519 | | | |
| 2 | 100 | 10.893 | 10.893 | 0.000 | 265661293 | 1.00 | | 100.0 | M |
| 2 | 2 | 11.441 | 11.441 | 0.000 | 157109973 | 0.9465 | 43.7- 83.7 | 59.1 | M |
| 2 | 3 | 11.843 | 11.843 | 0.000 | 152515933 | 0.8894 | 45.7- 85.7 | 57.4 | M |
| 2 | 4 | 12.071 | 12.071 | 0.000 | 227332473 | 0.8853 | 80.2- 120.2 | 85.6 | M |
| 2 | 5 | 12.458 | 12.458 | 0.000 | 94382033 | 0.7720 | 28.1- 68.1 | 35.5 | M |
| | | | Average of Peak Amounts = | | | 0.8988 | | | |
| | | | | | | RPD = 5.74 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

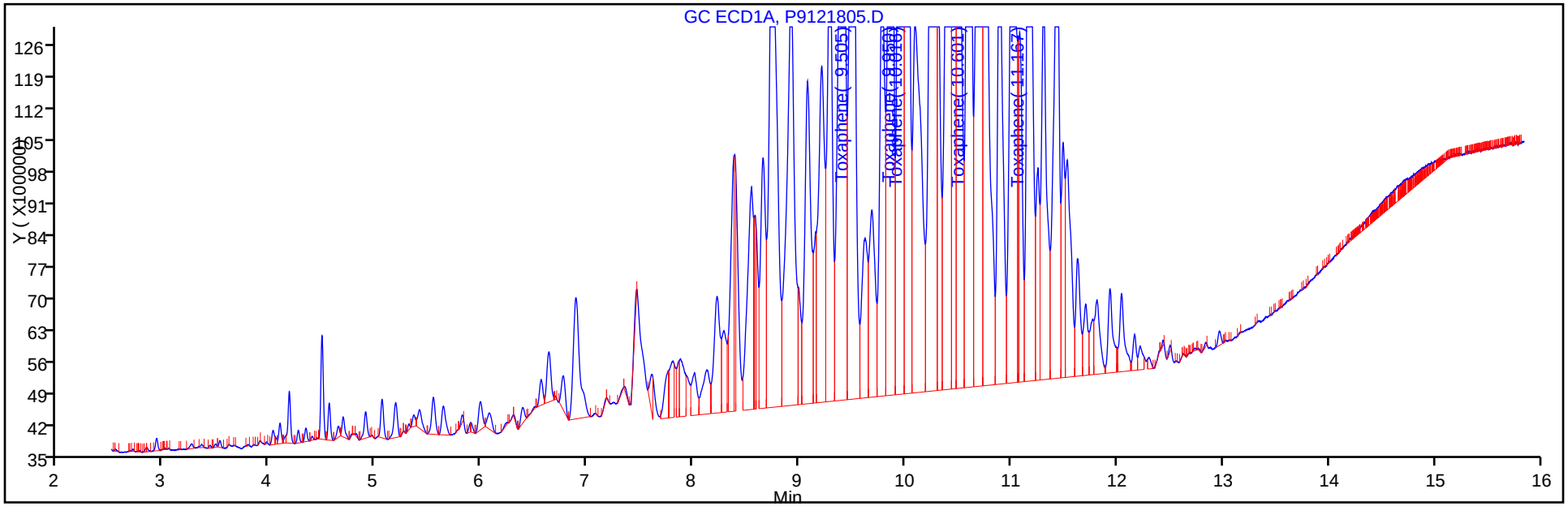
Report Date: 19-Dec-2012 12:50:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

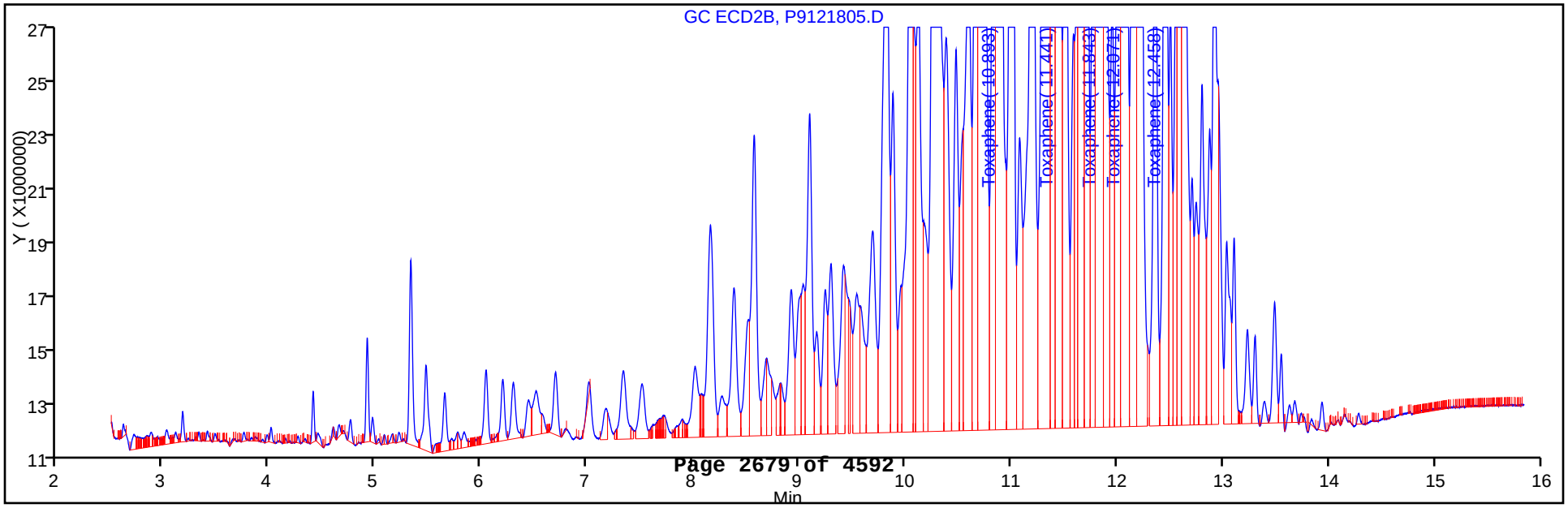
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 10:28:11 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



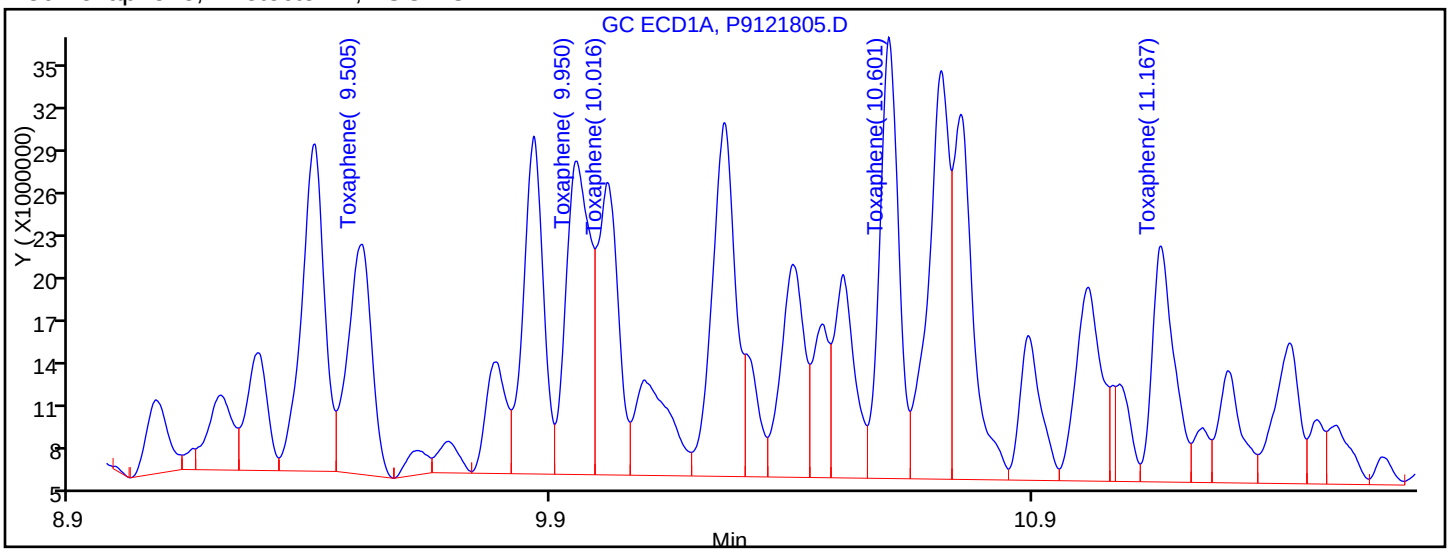
Report Date: 19-Dec-2012 12:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

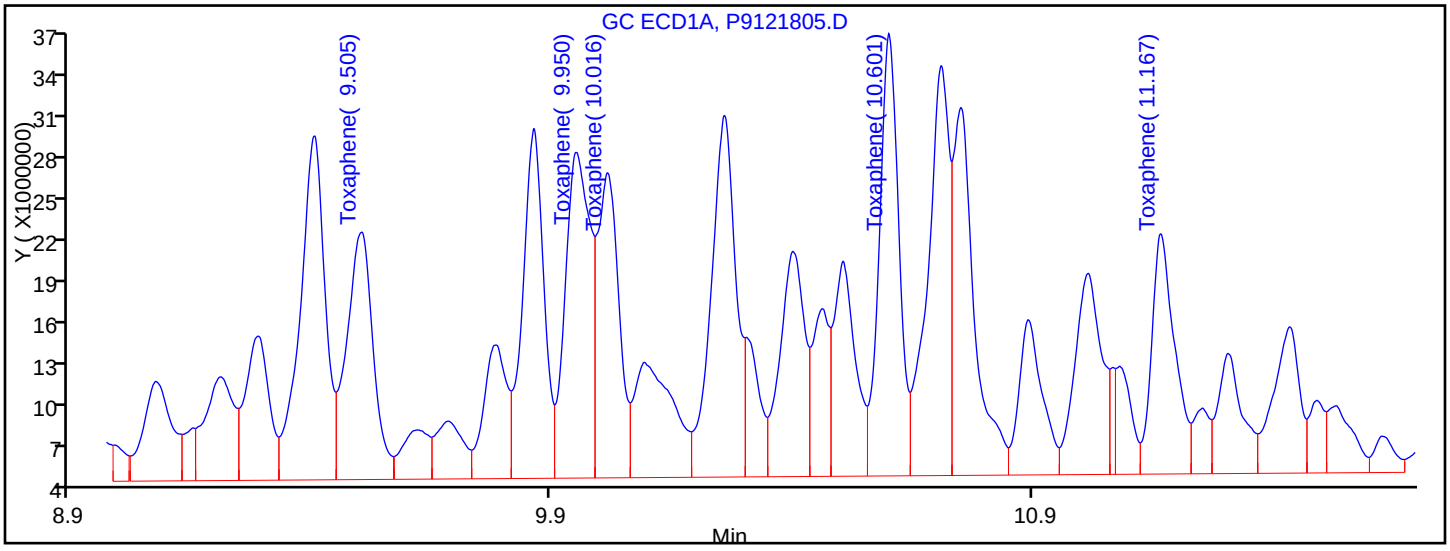
| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 10:28:11 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 1, GC ECD1A




Processing Integration Results

| | | |
|---|---|---|
| RT = 9.505 | Response = 55057173 | M |
| RT = 9.950 | Response = 76657105 | M |
| RT = 10.016 | Response = 59969012 | M |
| RT = 10.601 | Response = 83871198 | M |
| RT = 11.167 | Response = 52071743 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 9.505 | Response = 68618510 | M |
| RT = 9.950 | Response = 85835308 | M |
| RT = 10.016 | Response = 67734840 | M |
| RT = 10.601 | Response = 91264191 | M |
| RT = 11.167 | Response = 58408675 | M |

Reviewer: vandorenc, 18-Dec-2012 11:15:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121805.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 265485355 | 265661293 | | 1.00 | 1.00 | 0.0 | 20.0 |
| Toxaphene Peak 2 | Ave | 165982849 | 157109973 | | 0.947 | 1.00 | -5.3 | 20.0 |
| Toxaphene Peak 3 | Ave | 171487862 | 152515933 | | 0.889 | 1.00 | -11.1 | 20.0 |
| Toxaphene Peak 4 | Ave | 256795996 | 227332473 | | 0.885 | 1.00 | -11.5 | 20.0 |
| Toxaphene Peak 5 | Ave | 122259762 | 94382033 | | 0.772 | 1.00 | -22.8* | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121805.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 10.89 | 10.86 | 10.92 |
| Toxaphene Peak 2 | 11.44 | 11.41 | 11.47 |
| Toxaphene Peak 3 | 11.84 | 11.81 | 11.87 |
| Toxaphene Peak 4 | 12.07 | 12.04 | 12.10 |
| Toxaphene Peak 5 | 12.46 | 12.43 | 12.49 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 10:28:11 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69152 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:15:01

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.505 | 9.505 | 0.000 | 68618510 | 0.99 | | 100.0 | M |
| 1 | 2 | 9.950 | 9.950 | 0.000 | 85835308 | 1.00 | 105.5- 145.5 | 125.1 | M |
| 1 | 3 | 10.016 | 10.016 | 0.000 | 67734840 | 0.9182 | 90.3- 130.3 | 98.7 | M |
| 1 | 4 | 10.601 | 10.601 | 0.000 | 91264191 | 0.9243 | 116.9- 156.9 | 133.0 | M |
| 1 | 5 | 11.167 | 11.167 | 0.000 | 58408675 | 0.9180 | 64.5- 104.5 | 85.1 | M |
| | | | Average of Peak Amounts = | | | 0.9519 | | | |
| 2 | 100 | 10.893 | 10.893 | 0.000 | 265661293 | 1.00 | | 100.0 | M |
| 2 | 2 | 11.441 | 11.441 | 0.000 | 157109973 | 0.9465 | 43.7- 83.7 | 59.1 | M |
| 2 | 3 | 11.843 | 11.843 | 0.000 | 152515933 | 0.8894 | 45.7- 85.7 | 57.4 | M |
| 2 | 4 | 12.071 | 12.071 | 0.000 | 227332473 | 0.8853 | 80.2- 120.2 | 85.6 | M |
| 2 | 5 | 12.458 | 12.458 | 0.000 | 94382033 | 0.7720 | 28.1- 68.1 | 35.5 | M |
| | | | Average of Peak Amounts = | | | 0.8988 | | | |
| | | | | | | RPD = 5.74 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

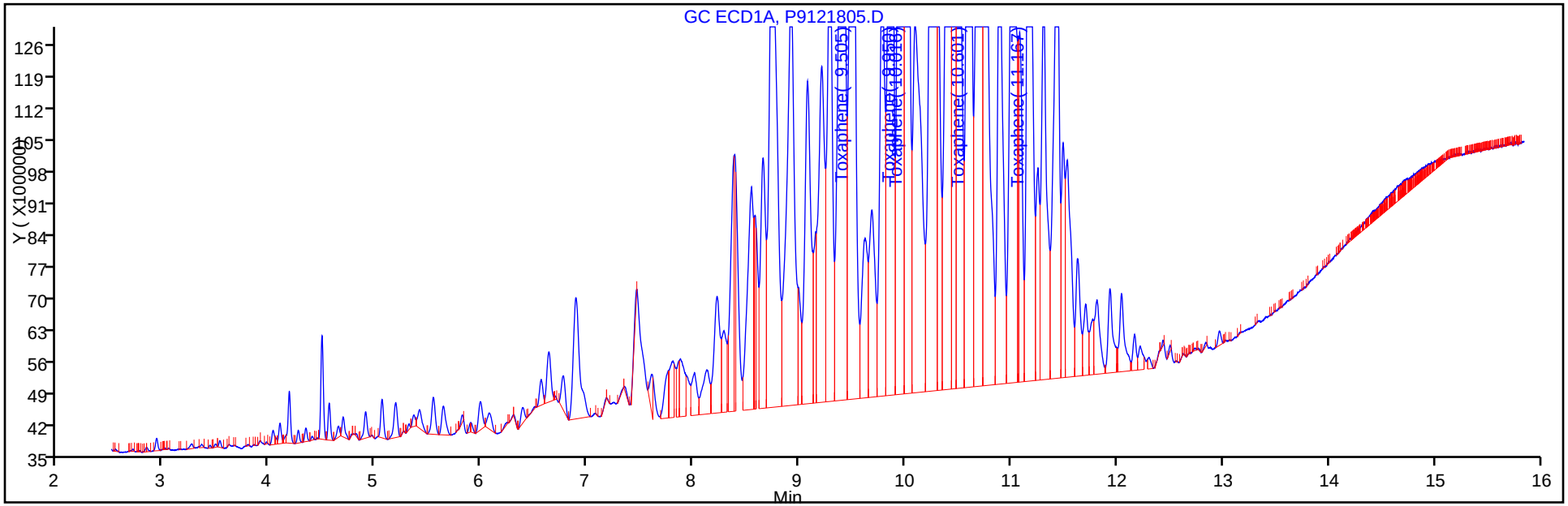
Report Date: 19-Dec-2012 12:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

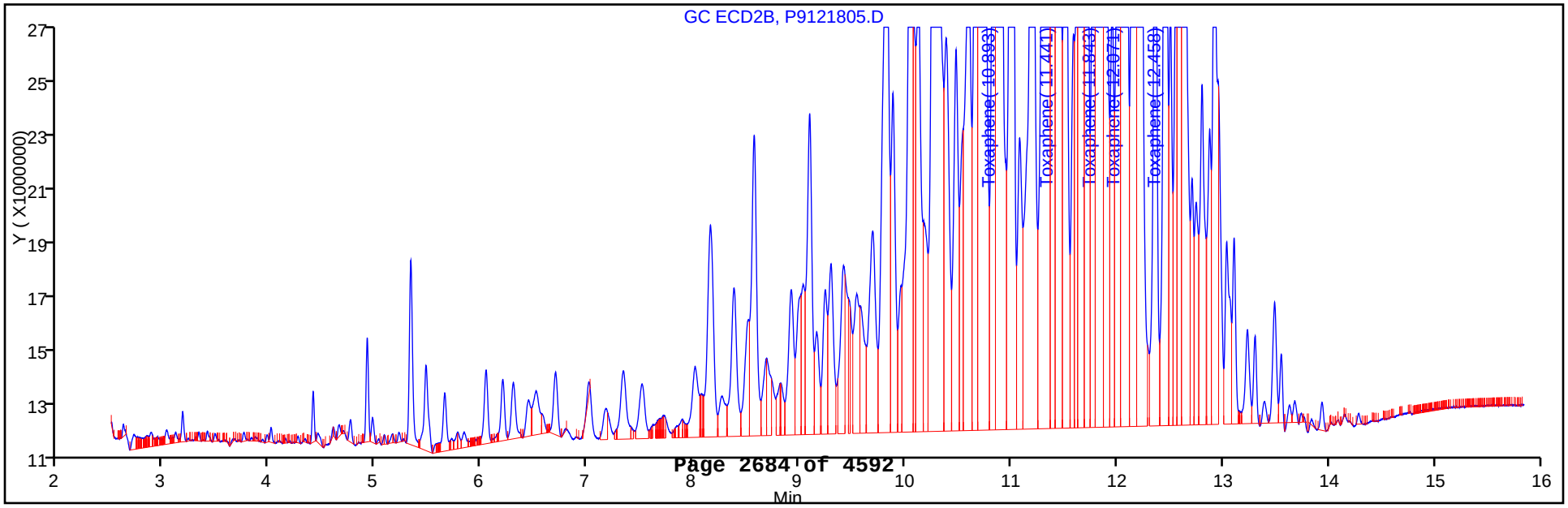
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 10:28:11 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



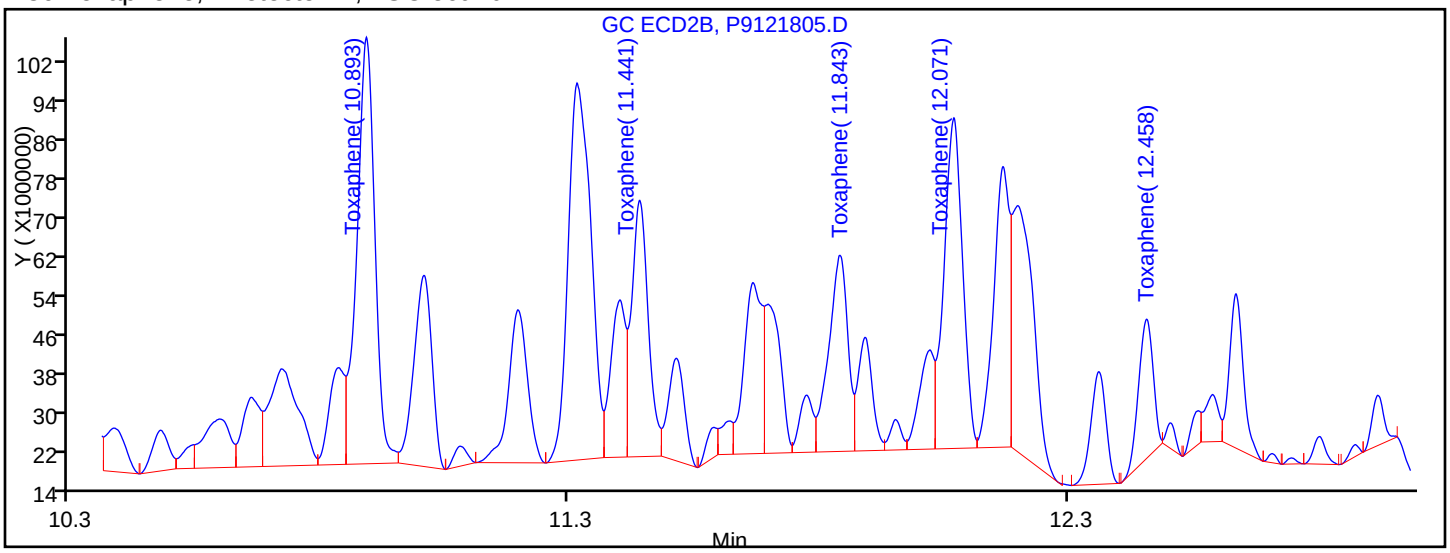
Report Date: 19-Dec-2012 12:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

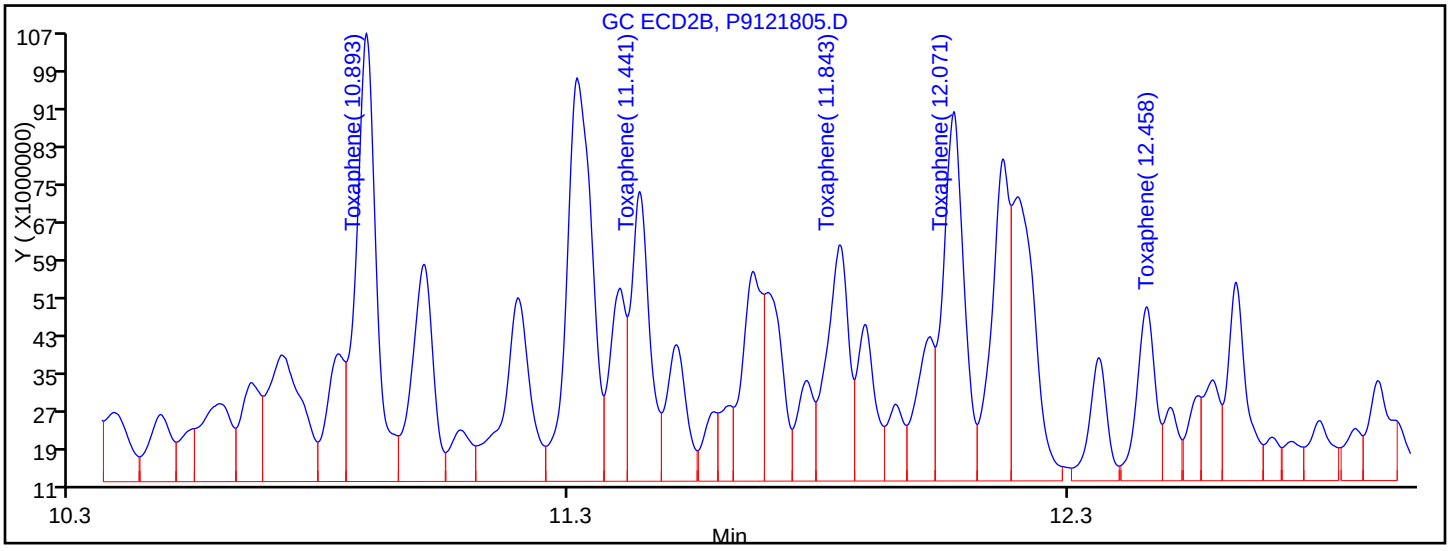
| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 10:28:11 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 5 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 2, GC ecd2b




Processing Integration Results

| | | |
|---|---|---|
| RT = 10.893 | Response = 219774292 | M |
| RT = 11.441 | Response = 121510612 | M |
| RT = 11.843 | Response = 107576980 | M |
| RT = 12.071 | Response = 175388758 | M |
| RT = 12.458 | Response = 58279605 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 10.893 | Response = 265661293 | M |
| RT = 11.441 | Response = 157109973 | M |
| RT = 11.843 | Response = 152515933 | M |
| RT = 12.071 | Response = 227332473 | M |
| RT = 12.458 | Response = 94382033 | M |

Reviewer: vandorenc, 18-Dec-2012 11:15:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121807.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 3421434316 | 3315898680 | | 0.0242 | 0.0250 | -3.1 | 20.0 |
| gamma-BHC (Lindane) | Ave | 2913769986 | 2931928880 | | 0.0252 | 0.0250 | 0.6 | 20.0 |
| beta-BHC | Ave | 1250224244 | 1257775560 | | 0.0252 | 0.0250 | 0.6 | 20.0 |
| delta-BHC | Ave | 3061752536 | 3058995040 | | 0.0250 | 0.0250 | -0.0 | 20.0 |
| Heptachlor | Ave | 2655006807 | 2824843120 | | 0.0266 | 0.0250 | 6.4 | 20.0 |
| Aldrin | Ave | 3189768763 | 3072993160 | | 0.0241 | 0.0250 | -3.7 | 20.0 |
| Heptachlor epoxide | Ave | 2580951581 | 2682286920 | | 0.0260 | 0.0250 | 3.9 | 20.0 |
| gamma-Chlordane | Ave | 2810352112 | 2848297200 | | 0.0253 | 0.0250 | 1.4 | 20.0 |
| alpha-Chlordane | Ave | 2914578305 | 2906447400 | | 0.0249 | 0.0250 | -0.3 | 20.0 |
| Endosulfan I | Ave | 2430184025 | 2570443200 | | 0.0264 | 0.0250 | 5.8 | 20.0 |
| 4,4'-DDE | Ave | 2984641558 | 2969203640 | | 0.0249 | 0.0250 | -0.5 | 20.0 |
| Dieldrin | Ave | 2497683571 | 2611141280 | | 0.0261 | 0.0250 | 4.5 | 20.0 |
| Endrin | Ave | 2266106237 | 2498678840 | | 0.0276 | 0.0250 | 10.3 | 20.0 |
| 4,4'-DDD | Ave | 1836592891 | 1987628440 | | 0.0271 | 0.0250 | 8.2 | 20.0 |
| Endosulfan II | Ave | 2359969486 | 2530343680 | | 0.0268 | 0.0250 | 7.2 | 20.0 |
| 4,4'-DDT | Ave | 1994537456 | 1982781440 | | 0.0249 | 0.0250 | -0.6 | 20.0 |
| Endrin aldehyde | Ave | 1799719498 | 1933998680 | | 0.0269 | 0.0250 | 7.5 | 20.0 |
| Methoxychlor | Ave | 935306693 | 963424120 | | 0.0258 | 0.0250 | 3.0 | 20.0 |
| Endosulfan sulfate | Ave | 2170510402 | 2276409680 | | 0.0262 | 0.0250 | 4.9 | 20.0 |
| Endrin ketone | Ave | 2244151853 | 2409212920 | | 0.0268 | 0.0250 | 7.4 | 20.0 |
| Tetrachloro-m-xylene | Ave | 2591877195 | 2685498520 | | 0.0259 | 0.0250 | 3.6 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 2389162404 | 2403811160 | | 0.0252 | 0.0250 | 0.6 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121807.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.18 | 4.15 | 4.21 |
| gamma-BHC (Lindane) | 4.56 | 4.53 | 4.59 |
| beta-BHC | 4.69 | 4.66 | 4.72 |
| delta-BHC | 4.90 | 4.87 | 4.93 |
| Heptachlor | 5.19 | 5.15 | 5.22 |
| Aldrin | 5.64 | 5.61 | 5.67 |
| Heptachlor epoxide | 6.87 | 6.84 | 6.90 |
| gamma-Chlordane | 7.17 | 7.14 | 7.20 |
| alpha-Chlordane | 7.52 | 7.49 | 7.55 |
| Endosulfan I | 7.80 | 7.77 | 7.83 |
| 4,4'-DDE | 7.90 | 7.87 | 7.93 |
| Dieldrin | 8.37 | 8.34 | 8.40 |
| Endrin | 8.82 | 8.79 | 8.85 |
| 4,4'-DDD | 9.19 | 9.16 | 9.22 |
| Endosulfan II | 9.27 | 9.24 | 9.30 |
| 4,4'-DDT | 9.71 | 9.68 | 9.74 |
| Endrin aldehyde | 10.07 | 10.04 | 10.10 |
| Methoxychlor | 10.66 | 10.63 | 10.69 |
| Endosulfan sulfate | 10.79 | 10.76 | 10.82 |
| Endrin ketone | 11.19 | 11.16 | 11.22 |
| Tetrachloro-m-xylene | 3.50 | 3.47 | 3.53 |
| DCB Decachlorobiphenyl | 12.80 | 12.77 | 12.83 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121807.D
Lims ID: CCV AB 3 Client ID:
Inject. Date: 18-Dec-2012 11:23:16 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015955-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69152 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.500 | 0.000 | 67137463 | 0.0259 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 210126262 | 0.0272 | | | |
| | | | | | | RPD = 4.85 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.183 | 0.000 | 82897467 | 0.0242 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 271807147 | 0.0252 | | | |
| | | | | | | RPD = 3.80 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.559 | 0.000 | 73298222 | 0.0252 | | | |
| 2 | 100 | 5.472 | 5.472 | 0.000 | 238208142 | 0.0265 | | | |
| | | | | | | RPD = 5.37 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 31444389 | 0.0252 | | | |
| 2 | 100 | 5.649 | 5.649 | 0.000 | 101971644 | 0.0270 | | | |
| | | | | | | RPD = 7.20 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.904 | 0.000 | 76474876 | 0.0250 | | | |
| 2 | 100 | 6.198 | 6.198 | 0.000 | 248687935 | 0.0264 | | | |
| | | | | | | RPD = 5.46 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.186 | 0.000 | 70621078 | 0.0266 | | | |
| 2 | 100 | 6.296 | 6.296 | 0.000 | 219833087 | 0.0276 | | | |
| | | | | | | RPD = 3.79 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.636 | 0.000 | 76824829 | 0.0241 | | | |
| 2 | 100 | 7.012 | 7.012 | 0.000 | 228045825 | 0.0258 | | | |
| | | | | | | RPD = 6.75 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.865 | 6.865 | 0.000 | 67057173 | 0.0260 | | | |
| 2 | 100 | 8.499 | 8.499 | 0.000 | 200985406 | 0.0276 | | | |
| | | | | | | RPD = 5.88 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.170 | 7.170 | 0.000 | 71207430 | 0.0253 | | | |
| 2 | 100 | 8.926 | 8.926 | 0.000 | 202484156 | 0.0271 | | | |
| | | | | | | RPD = 6.76 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.520 | 7.520 | 0.000 | 72661185 | 0.0249 | | | |
| 2 | 100 | 9.239 | 9.239 | 0.000 | 203573413 | 0.0269 | | | |
| | | | | | | RPD = 7.70 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.800 | 0.000 | 64261080 | 0.0264 | | | |
| 2 | 100 | 9.298 | 9.298 | 0.000 | 174239869 | 0.0281 | | | |
| | | | | | | RPD = 6.19 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.902 | 7.902 | 0.000 | 74230091 | 0.0249 | | | |
| 2 | 100 | 9.698 | 9.698 | 0.000 | 196416253 | 0.0262 | | | |
| | | | | | | RPD = 5.17 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.366 | 8.366 | 0.000 | 65278532 | 0.0261 | | | |
| 2 | 100 | 9.835 | 9.835 | 0.000 | 187712839 | 0.0276 | | | |
| | | | | | | RPD = 5.36 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.824 | 8.824 | 0.000 | 62466971 | 0.0276 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 179973421 | 0.0284 | | | |
| | | | | | | RPD = 3.15 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.185 | 9.185 | 0.000 | 49690711 | 0.0271 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 312345668 | 0.0289 | | | |
| | | | | | | RPD = 6.76 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.274 | 0.000 | 63258592 | 0.0268 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 312345668 | 0.0285 | | | |
| | | | | | | RPD = 6.30 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.708 | 0.000 | 49569536 | 0.0249 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 123686883 | 0.0251 | | | |
| | | | | | | RPD = 0.96 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.068 | 10.068 | 0.000 | 48349967 | 0.0269 | | | |
| 2 | 100 | 11.302 | 11.302 | 0.000 | 132736697 | 0.0281 | | | |
| | | | | | | RPD = 4.32 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 24085603 | 0.0258 | | | |
| 2 | 100 | 12.292 | 12.292 | 0.000 | 62789404 | 0.0252 | | | |
| | | | | | | RPD = 2.04 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.791 | 10.791 | 0.000 | 56910242 | 0.0262 | | | |
| 2 | 100 | 11.736 | 11.736 | 0.000 | 153773619 | 0.0272 | | | |
| | | | | | | RPD = 3.50 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.192 | 11.192 | 0.000 | 60230323 | 0.0268 | | | |
| 2 | 100 | 12.473 | 12.473 | 0.000 | 152866328 | 0.0265 | | | |
| | | | | | | RPD = 1.26 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.803 | 12.803 | 0.000 | 60095279 | 0.0252 | | | |
| 2 | 100 | 14.251 | 14.251 | 0.000 | 149695759 | 0.0261 | | | |
| | | | | | | RPD = 3.67 | | | |

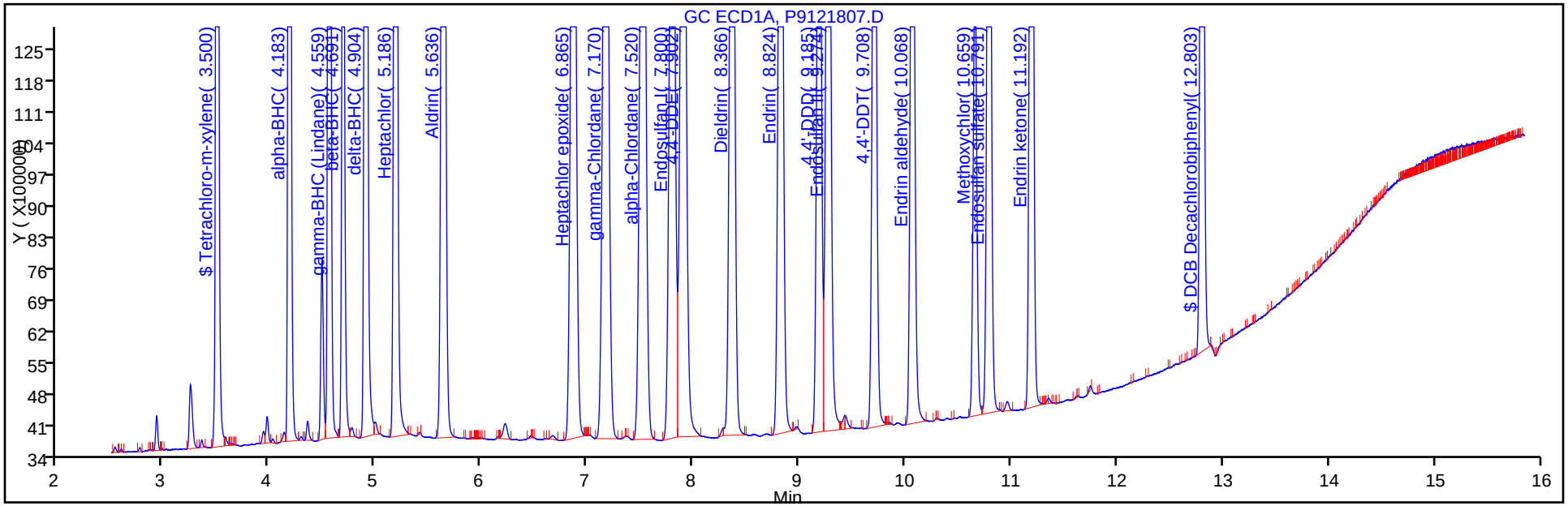
Report Date: 19-Dec-2012 12:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

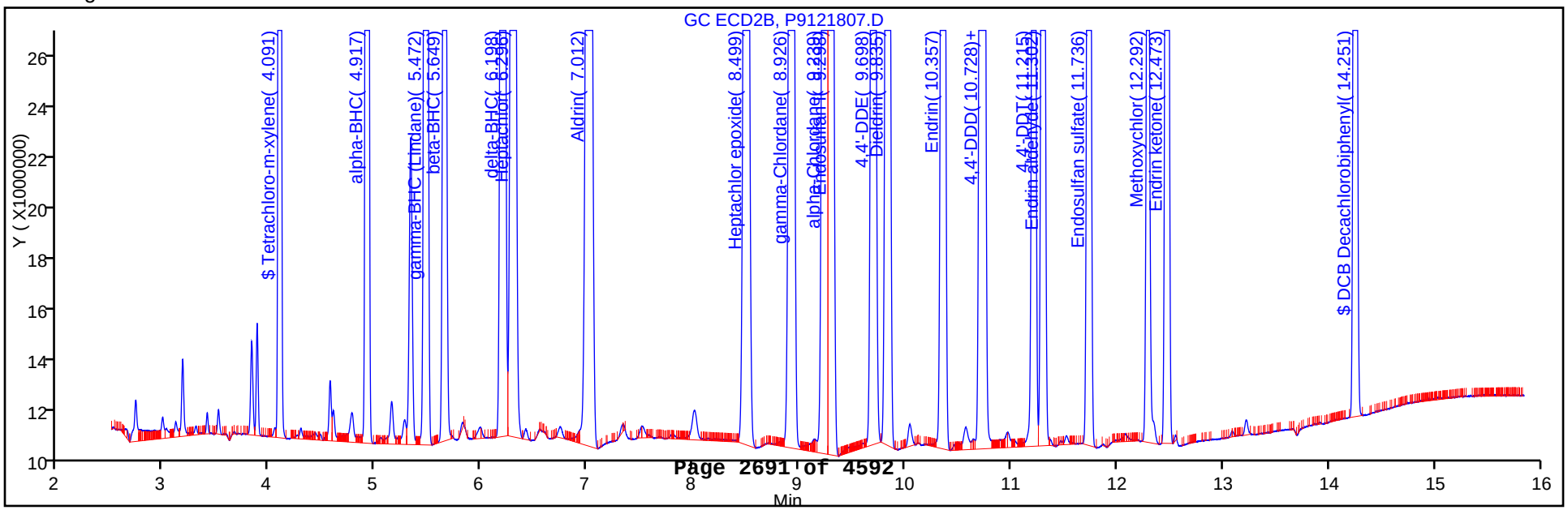
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121807.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 11:23:16 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 7 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121807.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 10799529128 | 10872285880 | | 0.0252 | 0.0250 | 0.7 | 20.0 |
| gamma-BHC (Lindane) | Ave | 8974140307 | 9528325680 | | 0.0265 | 0.0250 | 6.2 | 20.0 |
| beta-BHC | Ave | 3772427859 | 4078865760 | | 0.0270 | 0.0250 | 8.1 | 20.0 |
| delta-BHC | Ave | 9427568690 | 9947517400 | | 0.0264 | 0.0250 | 5.5 | 20.0 |
| Heptachlor | Ave | 7957007710 | 8793323480 | | 0.0276 | 0.0250 | 10.5 | 20.0 |
| Aldrin | Ave | 8850366058 | 9121833000 | | 0.0258 | 0.0250 | 3.1 | 20.0 |
| Heptachlor epoxide | Ave | 7294024537 | 8039416240 | | 0.0276 | 0.0250 | 10.2 | 20.0 |
| gamma-Chlordane | Ave | 7469037572 | 8099366240 | | 0.0271 | 0.0250 | 8.4 | 20.0 |
| alpha-Chlordane | Ave | 7560544032 | 8142936520 | | 0.0269 | 0.0250 | 7.7 | 20.0 |
| Endosulfan I | Ave | 6193816738 | 6969594760 | | 0.0281 | 0.0250 | 12.5 | 20.0 |
| 4,4'-DDE | Ave | 7499608111 | 7856650120 | | 0.0262 | 0.0250 | 4.8 | 20.0 |
| Dieldrin | Ave | 6807572539 | 7508513560 | | 0.0276 | 0.0250 | 10.3 | 20.0 |
| Endrin | Ave | 6326640752 | 7198936840 | | 0.0284 | 0.0250 | 13.8 | 20.0 |
| 4,4'-DDD | Ave | 10789989010 | 12493826720 | | 0.0289 | 0.0250 | 15.8 | 20.0 |
| Endosulfan II | Ave | 10941323443 | 12493826720 | | 0.0285 | 0.0250 | 14.2 | 20.0 |
| 4,4'-DDT | Ave | 4929043014 | 4947475320 | | 0.0251 | 0.0250 | 0.4 | 20.0 |
| Endrin aldehyde | Ave | 4731747302 | 5309467880 | | 0.0281 | 0.0250 | 12.2 | 20.0 |
| Endosulfan sulfate | Ave | 5662882600 | 6150944760 | | 0.0272 | 0.0250 | 8.6 | 20.0 |
| Methoxychlor | Ave | 2488628073 | 2511576160 | | 0.0252 | 0.0250 | 0.9 | 20.0 |
| Endrin ketone | Ave | 5768215223 | 6114653120 | | 0.0265 | 0.0250 | 6.0 | 20.0 |
| Tetrachloro-m-xylene | Ave | 7727951763 | 8405050480 | | 0.0272 | 0.0250 | 8.8 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 5736711069 | 5987830360 | | 0.0261 | 0.0250 | 4.4 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121807.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.92 | 4.89 | 4.95 |
| gamma-BHC (Lindane) | 5.47 | 5.44 | 5.50 |
| beta-BHC | 5.65 | 5.62 | 5.68 |
| delta-BHC | 6.20 | 6.17 | 6.23 |
| Heptachlor | 6.30 | 6.26 | 6.33 |
| Aldrin | 7.01 | 6.98 | 7.04 |
| Heptachlor epoxide | 8.50 | 8.47 | 8.53 |
| gamma-Chlordane | 8.93 | 8.90 | 8.96 |
| alpha-Chlordane | 9.24 | 9.21 | 9.27 |
| Endosulfan I | 9.30 | 9.27 | 9.33 |
| 4,4'-DDE | 9.70 | 9.67 | 9.73 |
| Dieldrin | 9.84 | 9.81 | 9.87 |
| Endrin | 10.36 | 10.33 | 10.39 |
| 4,4'-DDD | 10.73 | 10.70 | 10.76 |
| Endosulfan II | 10.73 | 10.70 | 10.76 |
| 4,4'-DDT | 11.22 | 11.19 | 11.25 |
| Endrin aldehyde | 11.30 | 11.27 | 11.33 |
| Endosulfan sulfate | 11.74 | 11.71 | 11.77 |
| Methoxychlor | 12.29 | 12.26 | 12.32 |
| Endrin ketone | 12.47 | 12.44 | 12.50 |
| Tetrachloro-m-xylene | 4.09 | 4.06 | 4.12 |
| DCB Decachlorobiphenyl | 14.25 | 14.22 | 14.28 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121807.D
Lims ID: CCV AB 3 Client ID:
Inject. Date: 18-Dec-2012 11:23:16 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015955-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69152 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.500 | 0.000 | 67137463 | 0.0259 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 210126262 | 0.0272 | | | |
| | | | | | | RPD = 4.85 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.183 | 0.000 | 82897467 | 0.0242 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 271807147 | 0.0252 | | | |
| | | | | | | RPD = 3.80 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.559 | 0.000 | 73298222 | 0.0252 | | | |
| 2 | 100 | 5.472 | 5.472 | 0.000 | 238208142 | 0.0265 | | | |
| | | | | | | RPD = 5.37 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 31444389 | 0.0252 | | | |
| 2 | 100 | 5.649 | 5.649 | 0.000 | 101971644 | 0.0270 | | | |
| | | | | | | RPD = 7.20 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.904 | 0.000 | 76474876 | 0.0250 | | | |
| 2 | 100 | 6.198 | 6.198 | 0.000 | 248687935 | 0.0264 | | | |
| | | | | | | RPD = 5.46 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.186 | 0.000 | 70621078 | 0.0266 | | | |
| 2 | 100 | 6.296 | 6.296 | 0.000 | 219833087 | 0.0276 | | | |
| | | | | | | RPD = 3.79 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.636 | 0.000 | 76824829 | 0.0241 | | | |
| 2 | 100 | 7.012 | 7.012 | 0.000 | 228045825 | 0.0258 | | | |
| | | | | | | RPD = 6.75 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.865 | 6.865 | 0.000 | 67057173 | 0.0260 | | | |
| 2 | 100 | 8.499 | 8.499 | 0.000 | 200985406 | 0.0276 | | | |
| | | | | | | RPD = 5.88 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.170 | 7.170 | 0.000 | 71207430 | 0.0253 | | | |
| 2 | 100 | 8.926 | 8.926 | 0.000 | 202484156 | 0.0271 | | | |
| | | | | | | RPD = 6.76 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.520 | 7.520 | 0.000 | 72661185 | 0.0249 | | | |
| 2 | 100 | 9.239 | 9.239 | 0.000 | 203573413 | 0.0269 | | | |
| | | | | | | RPD = 7.70 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.800 | 0.000 | 64261080 | 0.0264 | | | |
| 2 | 100 | 9.298 | 9.298 | 0.000 | 174239869 | 0.0281 | | | |
| | | | | | | RPD = 6.19 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.902 | 7.902 | 0.000 | 74230091 | 0.0249 | | | |
| 2 | 100 | 9.698 | 9.698 | 0.000 | 196416253 | 0.0262 | | | |
| | | | | | | RPD = 5.17 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.366 | 8.366 | 0.000 | 65278532 | 0.0261 | | | |
| 2 | 100 | 9.835 | 9.835 | 0.000 | 187712839 | 0.0276 | | | |
| | | | | | | RPD = 5.36 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.824 | 8.824 | 0.000 | 62466971 | 0.0276 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 179973421 | 0.0284 | | | |
| | | | | | | RPD = 3.15 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.185 | 9.185 | 0.000 | 49690711 | 0.0271 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 312345668 | 0.0289 | | | |
| | | | | | | RPD = 6.76 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.274 | 0.000 | 63258592 | 0.0268 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 312345668 | 0.0285 | | | |
| | | | | | | RPD = 6.30 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.708 | 0.000 | 49569536 | 0.0249 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 123686883 | 0.0251 | | | |
| | | | | | | RPD = 0.96 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.068 | 10.068 | 0.000 | 48349967 | 0.0269 | | | |
| 2 | 100 | 11.302 | 11.302 | 0.000 | 132736697 | 0.0281 | | | |
| | | | | | | RPD = 4.32 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 24085603 | 0.0258 | | | |
| 2 | 100 | 12.292 | 12.292 | 0.000 | 62789404 | 0.0252 | | | |
| | | | | | | RPD = 2.04 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.791 | 10.791 | 0.000 | 56910242 | 0.0262 | | | |
| 2 | 100 | 11.736 | 11.736 | 0.000 | 153773619 | 0.0272 | | | |
| | | | | | | RPD = 3.50 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.192 | 11.192 | 0.000 | 60230323 | 0.0268 | | | |
| 2 | 100 | 12.473 | 12.473 | 0.000 | 152866328 | 0.0265 | | | |
| | | | | | | RPD = 1.26 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.803 | 12.803 | 0.000 | 60095279 | 0.0252 | | | |
| 2 | 100 | 14.251 | 14.251 | 0.000 | 149695759 | 0.0261 | | | |
| | | | | | | RPD = 3.67 | | | |

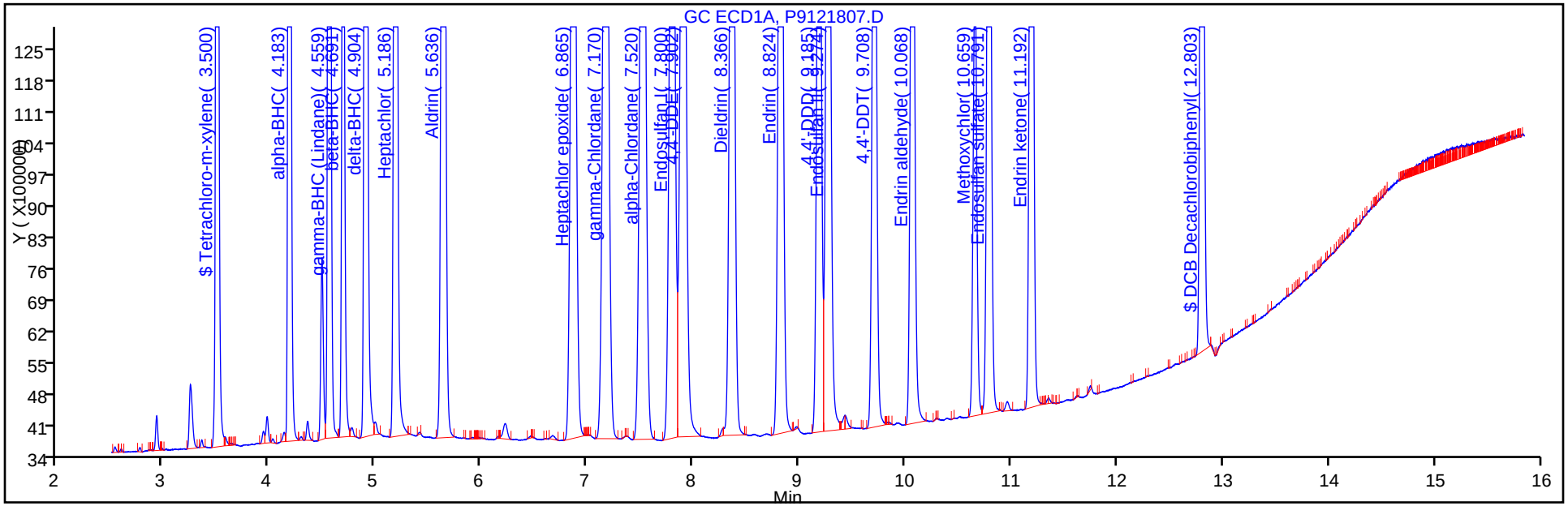
Report Date: 19-Dec-2012 12:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

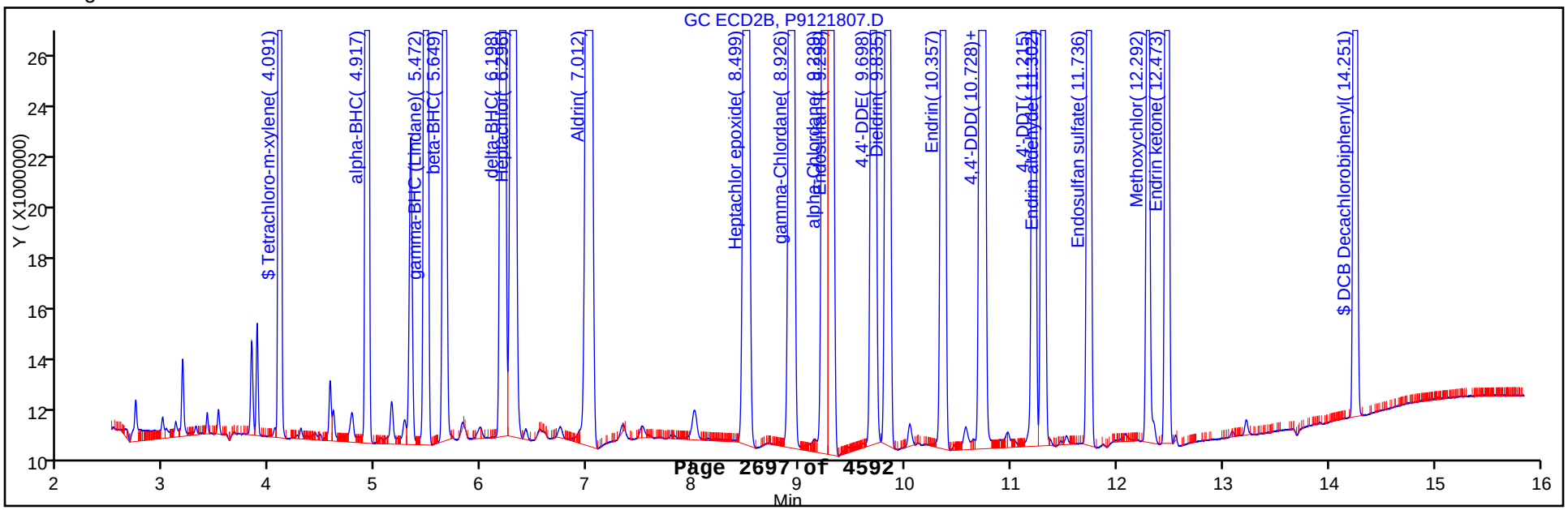
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121807.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 11:23:16 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 7 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121819.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 68992790 | 66383224 | | 0.962 | 1.00 | -3.8 | 20.0 |
| Toxaphene Peak 2 | Ave | 85469637 | 83014437 | | 0.971 | 1.00 | -2.9 | 20.0 |
| Toxaphene Peak 3 | Ave | 73765512 | 71402933 | | 0.968 | 1.00 | -3.2 | 20.0 |
| Toxaphene Peak 4 | Ave | 98743767 | 92902922 | | 0.941 | 1.00 | -5.9 | 20.0 |
| Toxaphene Peak 5 | Ave | 63625849 | 57612800 | | 0.905 | 1.00 | -9.5 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121819.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 9.50 | 9.47 | 9.53 |
| Toxaphene Peak 2 | 9.95 | 9.92 | 9.98 |
| Toxaphene Peak 3 | 10.02 | 9.99 | 10.05 |
| Toxaphene Peak 4 | 10.60 | 10.57 | 10.63 |
| Toxaphene Peak 5 | 11.17 | 11.14 | 11.20 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121819.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 16:55:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69152 Lims Sample ID: 19
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:18 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:45:33

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.503 | 9.503 | 0.000 | 66383224 | 0.9622 | | 100.0 | |
| 1 | 2 | 9.951 | 9.951 | 0.000 | 83014437 | 0.9713 | 105.5- 145.5 | 125.1 | |
| 1 | 3 | 10.019 | 10.019 | 0.000 | 71402933 | 0.9680 | 90.3- 130.3 | 107.6 | |
| 1 | 4 | 10.603 | 10.603 | 0.000 | 92902922 | 0.9408 | 116.9- 156.9 | 139.9 | |
| 1 | 5 | 11.168 | 11.168 | 0.000 | 57612800 | 0.9055 | 64.5- 104.5 | 86.8 | |
| | | | Average of Peak Amounts = | | | 0.9496 | | | |
| 2 | 100 | 10.893 | 10.893 | 0.000 | 250330028 | 0.9429 | | 100.0 | M |
| 2 | 2 | 11.440 | 11.440 | 0.000 | 147554859 | 0.8890 | 43.7- 83.7 | 58.9 | M |
| 2 | 3 | 11.843 | 11.843 | 0.000 | 142604618 | 0.8316 | 45.7- 85.7 | 57.0 | M |
| 2 | 4 | 12.071 | 12.071 | 0.000 | 211779796 | 0.8247 | 80.2- 120.2 | 84.6 | M |
| 2 | 5 | 12.458 | 12.458 | 0.000 | 89999323 | 0.7361 | 28.1- 68.1 | 36.0 | M |
| | | | Average of Peak Amounts = | | | 0.8449 | | | |
| | | | | | | RPD = 11.67 | | | |

QC Flag Legend

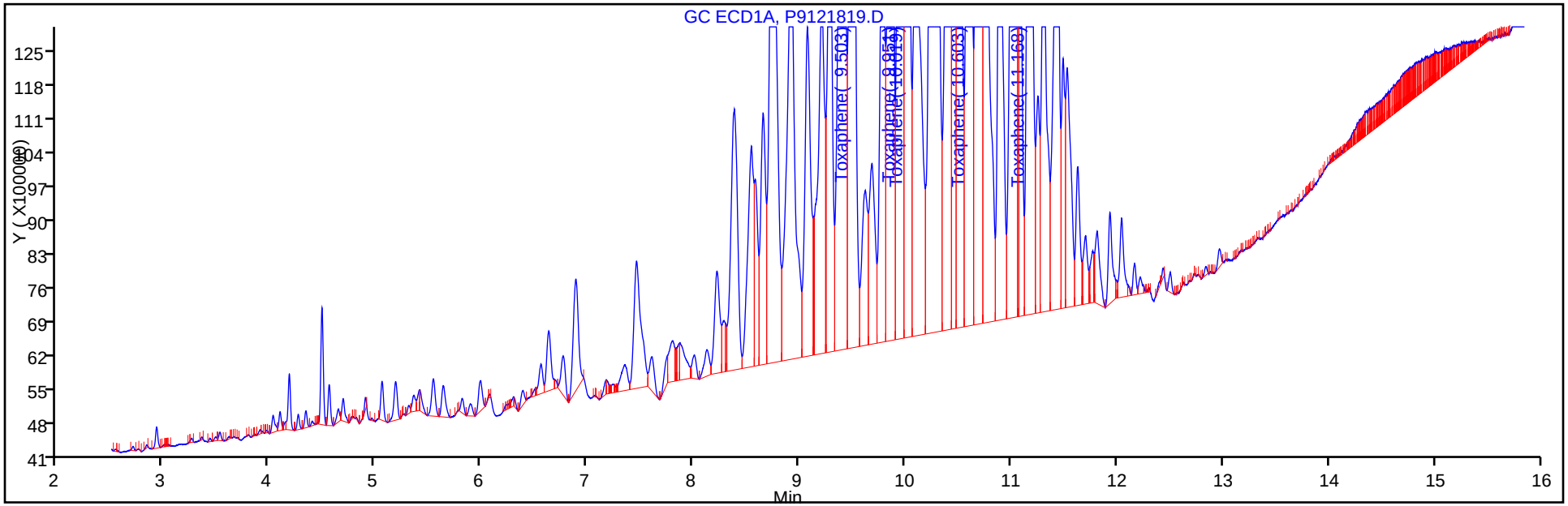
Review Flags
M - Manually Integrated

Report Date: 19-Dec-2012 12:50:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

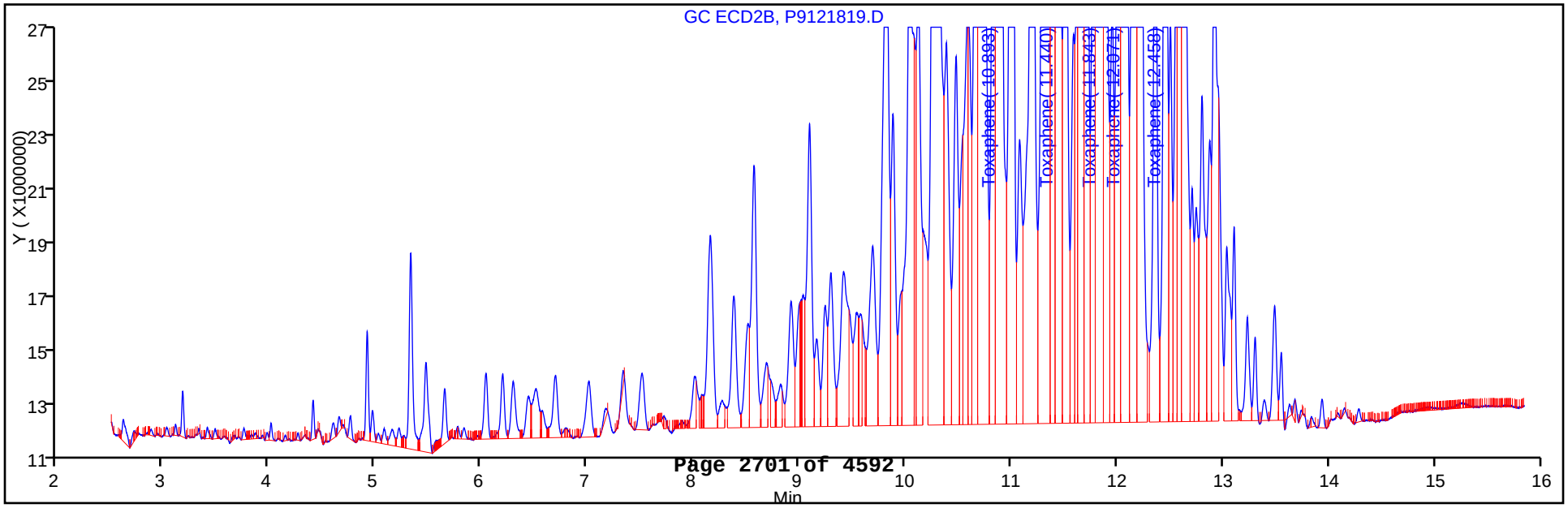
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121819.D | | |
| Injection Date: | 18-Dec-2012 16:55:06 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121819.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 265485355 | 250330028 | | 0.943 | 1.00 | -5.7 | 20.0 |
| Toxaphene Peak 2 | Ave | 165982849 | 147554859 | | 0.889 | 1.00 | -11.1 | 20.0 |
| Toxaphene Peak 3 | Ave | 171487862 | 142604618 | | 0.832 | 1.00 | -16.8 | 20.0 |
| Toxaphene Peak 4 | Ave | 256795996 | 211779796 | | 0.825 | 1.00 | -17.5 | 20.0 |
| Toxaphene Peak 5 | Ave | 122259762 | 89999323 | | 0.736 | 1.00 | -26.4* | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121819.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 10.89 | 10.86 | 10.92 |
| Toxaphene Peak 2 | 11.44 | 11.41 | 11.47 |
| Toxaphene Peak 3 | 11.84 | 11.81 | 11.87 |
| Toxaphene Peak 4 | 12.07 | 12.04 | 12.10 |
| Toxaphene Peak 5 | 12.46 | 12.43 | 12.49 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121819.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 16:55:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69152 Lims Sample ID: 19
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:18 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:45:33

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.503 | 9.503 | 0.000 | 66383224 | 0.9622 | | 100.0 | |
| 1 | 2 | 9.951 | 9.951 | 0.000 | 83014437 | 0.9713 | 105.5- 145.5 | 125.1 | |
| 1 | 3 | 10.019 | 10.019 | 0.000 | 71402933 | 0.9680 | 90.3- 130.3 | 107.6 | |
| 1 | 4 | 10.603 | 10.603 | 0.000 | 92902922 | 0.9408 | 116.9- 156.9 | 139.9 | |
| 1 | 5 | 11.168 | 11.168 | 0.000 | 57612800 | 0.9055 | 64.5- 104.5 | 86.8 | |
| | | | Average of Peak Amounts = | | | 0.9496 | | | |
| 2 | 100 | 10.893 | 10.893 | 0.000 | 250330028 | 0.9429 | | 100.0 | M |
| 2 | 2 | 11.440 | 11.440 | 0.000 | 147554859 | 0.8890 | 43.7- 83.7 | 58.9 | M |
| 2 | 3 | 11.843 | 11.843 | 0.000 | 142604618 | 0.8316 | 45.7- 85.7 | 57.0 | M |
| 2 | 4 | 12.071 | 12.071 | 0.000 | 211779796 | 0.8247 | 80.2- 120.2 | 84.6 | M |
| 2 | 5 | 12.458 | 12.458 | 0.000 | 89999323 | 0.7361 | 28.1- 68.1 | 36.0 | M |
| | | | Average of Peak Amounts = | | | 0.8449 | | | |
| | | | | | | RPD = 11.67 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

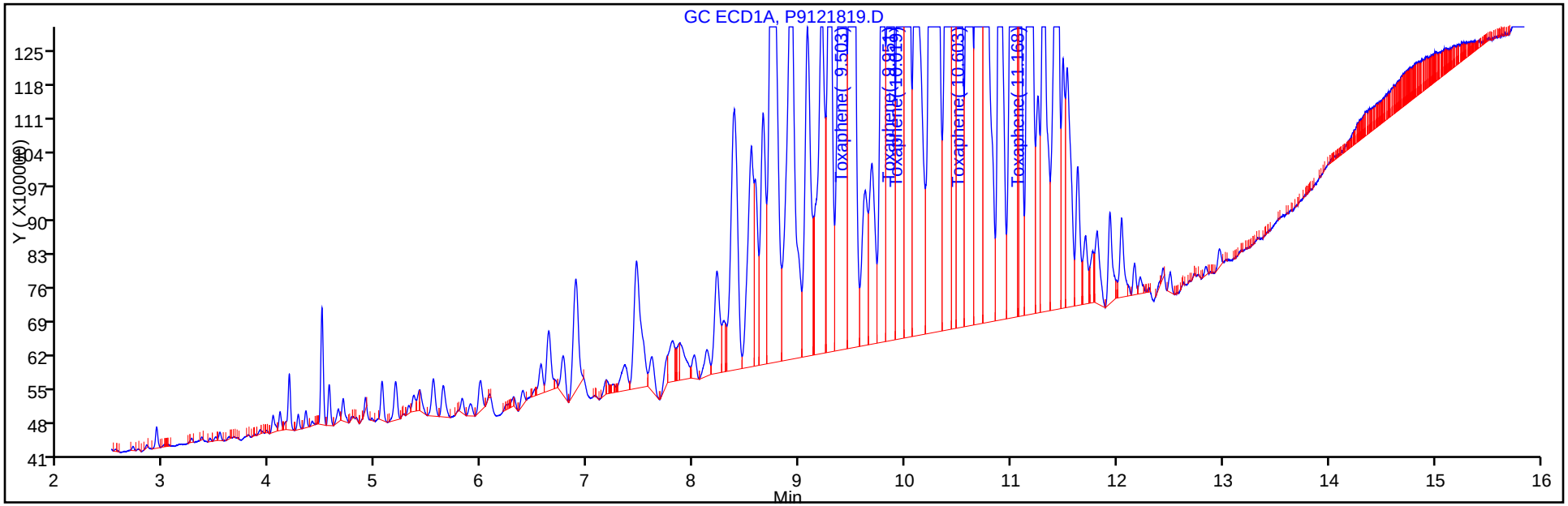
Report Date: 19-Dec-2012 12:50:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

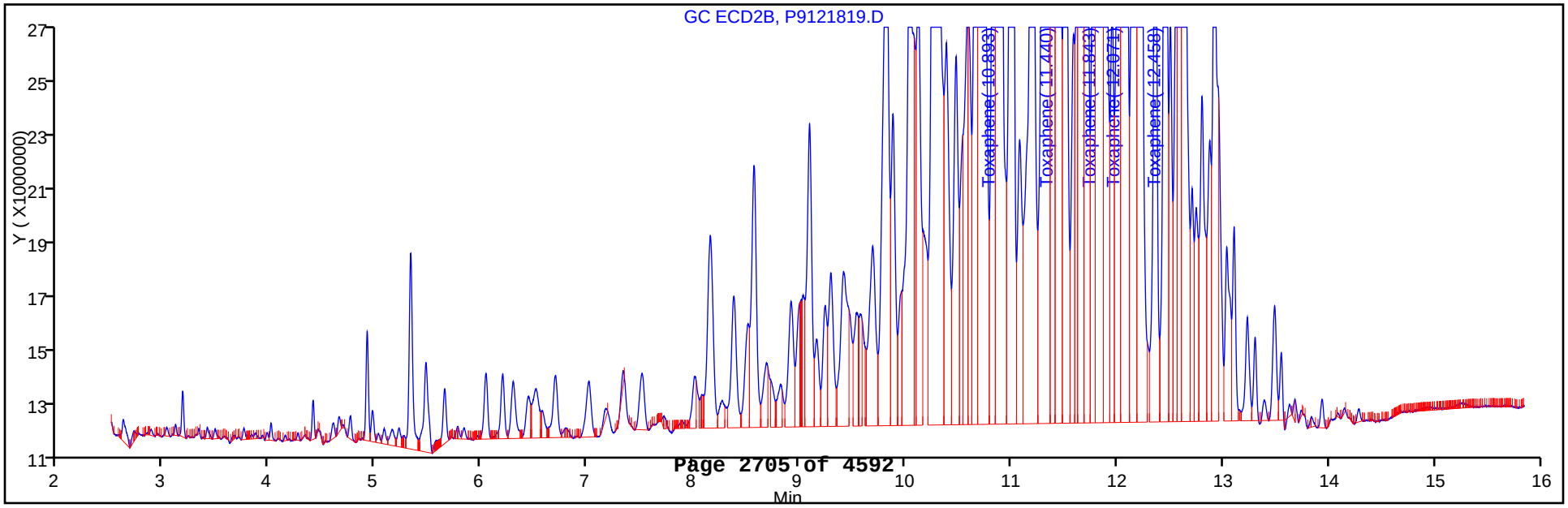
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121819.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 16:55:06 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



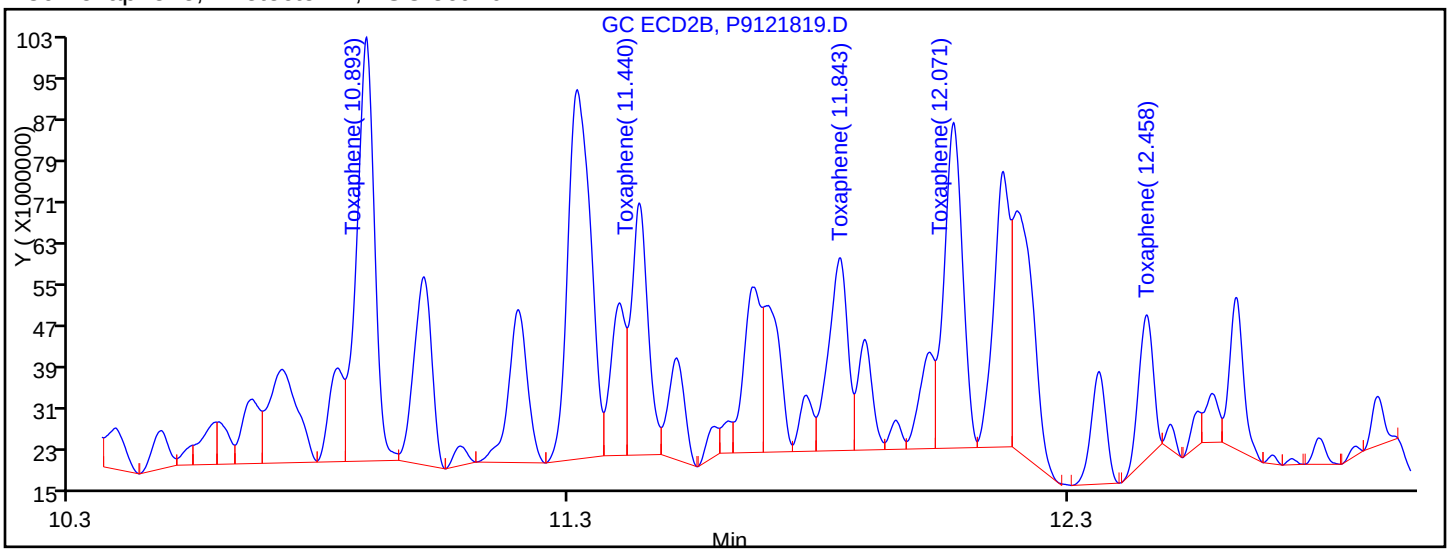
Report Date: 19-Dec-2012 12:50:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121819.D

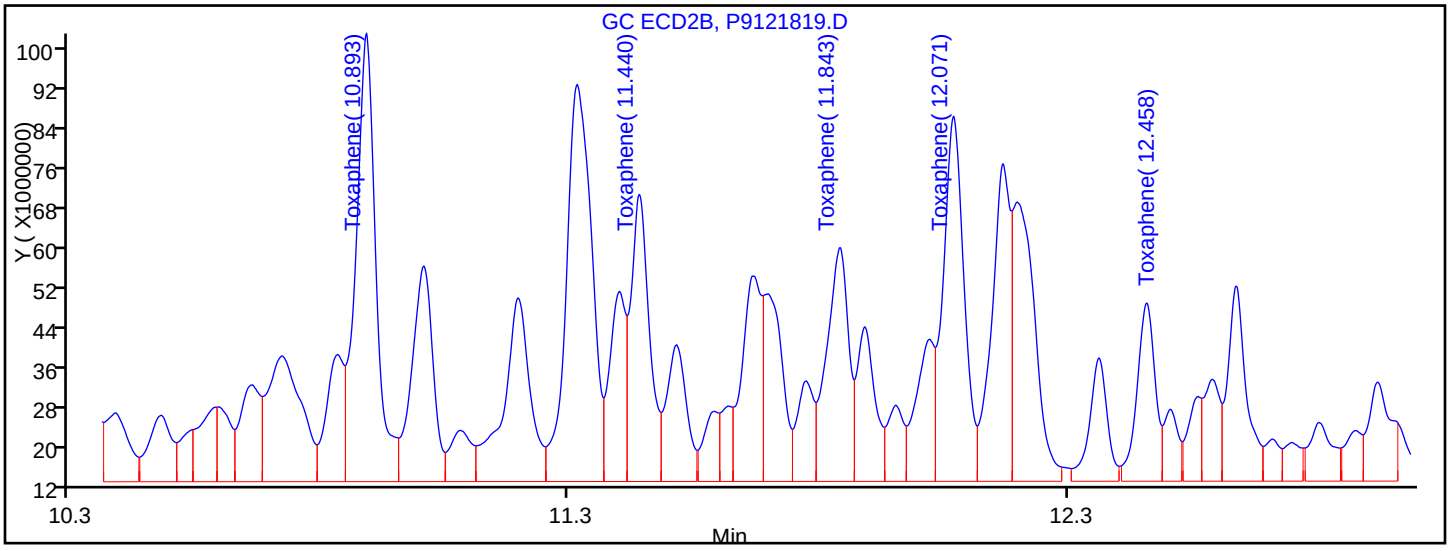
| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 16:55:06 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 2, GC ecd2b




Processing Integration Results

| | | |
|---|---|---|
| RT = 10.893 | Response = 203301747 | M |
| RT = 11.440 | Response = 112776281 | M |
| RT = 11.843 | Response = 99919992 | M |
| RT = 12.071 | Response = 162369978 | M |
| RT = 12.458 | Response = 56638962 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 10.893 | Response = 250330028 | M |
| RT = 11.440 | Response = 147554859 | M |
| RT = 11.843 | Response = 142604618 | M |
| RT = 12.071 | Response = 211779796 | M |
| RT = 12.458 | Response = 89999323 | M |

Reviewer: vandorenc, 19-Dec-2012 12:45:33

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121821.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 3421434316 | 3380923680 | | 0.0247 | 0.0250 | -1.2 | 20.0 |
| gamma-BHC (Lindane) | Ave | 2913769986 | 2931254760 | | 0.0252 | 0.0250 | 0.6 | 20.0 |
| beta-BHC | Ave | 1250224244 | 1261313400 | | 0.0252 | 0.0250 | 0.9 | 20.0 |
| delta-BHC | Ave | 3061752536 | 3097207640 | | 0.0253 | 0.0250 | 1.2 | 20.0 |
| Heptachlor | Ave | 2655006807 | 2852007240 | | 0.0269 | 0.0250 | 7.4 | 20.0 |
| Aldrin | Ave | 3189768763 | 3144341280 | | 0.0246 | 0.0250 | -1.4 | 20.0 |
| Heptachlor epoxide | Ave | 2580951581 | 2661041800 | | 0.0258 | 0.0250 | 3.1 | 20.0 |
| gamma-Chlordane | Ave | 2810352112 | 2808277240 | | 0.0250 | 0.0250 | -0.0 | 20.0 |
| alpha-Chlordane | Ave | 2914578305 | 2879871000 | | 0.0247 | 0.0250 | -1.2 | 20.0 |
| Endosulfan I | Ave | 2430184025 | 2530428280 | | 0.0260 | 0.0250 | 4.1 | 20.0 |
| 4,4'-DDE | Ave | 2984641558 | 2976072000 | | 0.0249 | 0.0250 | -0.3 | 20.0 |
| Dieldrin | Ave | 2497683571 | 2567929080 | | 0.0257 | 0.0250 | 2.8 | 20.0 |
| Endrin | Ave | 2266106237 | 2422298840 | | 0.0267 | 0.0250 | 6.9 | 20.0 |
| 4,4'-DDD | Ave | 1836592891 | 1938148800 | | 0.0264 | 0.0250 | 5.5 | 20.0 |
| Endosulfan II | Ave | 2359969486 | 2420381000 | | 0.0256 | 0.0250 | 2.6 | 20.0 |
| 4,4'-DDT | Ave | 1994537456 | 1942544280 | | 0.0243 | 0.0250 | -2.6 | 20.0 |
| Endrin aldehyde | Ave | 1799719498 | 1874105320 | | 0.0260 | 0.0250 | 4.1 | 20.0 |
| Methoxychlor | Ave | 935306693 | 930168520 | | 0.0249 | 0.0250 | -0.5 | 20.0 |
| Endosulfan sulfate | Ave | 2170510402 | 2191372680 | | 0.0252 | 0.0250 | 1.0 | 20.0 |
| Endrin ketone | Ave | 2244151853 | 2293484760 | | 0.0255 | 0.0250 | 2.2 | 20.0 |
| Tetrachloro-m-xylene | Ave | 2591877195 | 2778422920 | | 0.0268 | 0.0250 | 7.2 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 2389162404 | 2285085120 | | 0.0239 | 0.0250 | -4.4 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121821.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.18 | 4.15 | 4.21 |
| gamma-BHC (Lindane) | 4.56 | 4.53 | 4.59 |
| beta-BHC | 4.69 | 4.66 | 4.72 |
| delta-BHC | 4.91 | 4.88 | 4.94 |
| Heptachlor | 5.19 | 5.15 | 5.22 |
| Aldrin | 5.64 | 5.61 | 5.67 |
| Heptachlor epoxide | 6.87 | 6.84 | 6.90 |
| gamma-Chlordane | 7.17 | 7.14 | 7.20 |
| alpha-Chlordane | 7.52 | 7.49 | 7.55 |
| Endosulfan I | 7.80 | 7.77 | 7.83 |
| 4,4'-DDE | 7.90 | 7.87 | 7.93 |
| Dieldrin | 8.37 | 8.34 | 8.40 |
| Endrin | 8.83 | 8.80 | 8.86 |
| 4,4'-DDD | 9.19 | 9.16 | 9.22 |
| Endosulfan II | 9.28 | 9.25 | 9.31 |
| 4,4'-DDT | 9.71 | 9.68 | 9.74 |
| Endrin aldehyde | 10.07 | 10.04 | 10.10 |
| Methoxychlor | 10.66 | 10.63 | 10.69 |
| Endosulfan sulfate | 10.79 | 10.76 | 10.82 |
| Endrin ketone | 11.19 | 11.16 | 11.22 |
| Tetrachloro-m-xylene | 3.50 | 3.47 | 3.53 |
| DCB Decachlorobiphenyl | 12.81 | 12.78 | 12.84 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 18-Dec-2012 17:49:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69152 Lims Sample ID: 21
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:46:55

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 69460573 | 0.0268 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 206080933 | 0.0267 | | | |
| | | | | | | RPD = 0.50 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.184 | 0.000 | 84523092 | 0.0247 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 260269910 | 0.0241 | | | |
| | | | | | | RPD = 2.47 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 73281369 | 0.0252 | | | |
| 2 | 100 | 5.473 | 5.473 | 0.000 | 222388705 | 0.0248 | | | |
| | | | | | | RPD = 1.48 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 31532835 | 0.0252 | | | |
| 2 | 100 | 5.649 | 5.649 | 0.000 | 96319412 | 0.0255 | | | |
| | | | | | | RPD = 1.22 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 77430191 | 0.0253 | | | |
| 2 | 100 | 6.199 | 6.199 | 0.000 | 237678612 | 0.0252 | | | |
| | | | | | | RPD = 0.31 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.186 | 0.000 | 71300181 | 0.0269 | | | |
| 2 | 100 | 6.298 | 6.298 | 0.000 | 207839487 | 0.0261 | | | |
| | | | | | | RPD = 2.77 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.636 | 0.000 | 78608532 | 0.0246 | | | |
| 2 | 100 | 7.013 | 7.013 | 0.000 | 219644967 | 0.0248 | | | |
| | | | | | | RPD = 0.70 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.866 | 0.000 | 66526045 | 0.0258 | | | |
| 2 | 100 | 8.500 | 8.500 | 0.000 | 187254144 | 0.0257 | | | |
| | | | | | | RPD = 0.40 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.171 | 0.000 | 70206931 | 0.0250 | | | |
| 2 | 100 | 8.927 | 8.927 | 0.000 | 187442778 | 0.0251 | | | |
| | | | | | | RPD = 0.46 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.521 | 7.521 | 0.000 | 71996775 | 0.0247 | | | |
| 2 | 100 | 9.240 | 9.240 | 0.000 | 190630666 | 0.0252 | | | |
| | | | | | | RPD = 2.05 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.800 | 0.000 | 63260707 | 0.0260 | | | |
| 2 | 100 | 9.301 | 9.301 | 0.000 | 160569612 | 0.0259 | | | |
| | | | | | | RPD = 0.41 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.903 | 7.903 | 0.000 | 74401800 | 0.0249 | | | |
| 2 | 100 | 9.700 | 9.700 | 0.000 | 187343566 | 0.0250 | | | |
| | | | | | | RPD = 0.21 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.366 | 8.366 | 0.000 | 64198227 | 0.0257 | | | |
| 2 | 100 | 9.836 | 9.836 | 0.000 | 173004856 | 0.0254 | | | |
| | | | | | | RPD = 1.13 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.825 | 0.000 | 60557471 | 0.0267 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 163871249 | 0.0259 | | | |
| | | | | | | RPD = 3.12 | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 48453720 | 0.0264 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 277631467 | 0.0257 | | | M |
| | | | | | | RPD = 2.50 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.275 | 9.275 | 0.000 | 60509525 | 0.0256 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 277631467 | 0.0254 | | | M |
| | | | | | | RPD = 1.04 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.709 | 0.000 | 48563607 | 0.0243 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 110099968 | 0.0223 | | | |
| | | | | | | RPD = 8.62 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.071 | 0.000 | 46852633 | 0.0260 | | | |
| 2 | 100 | 11.302 | 11.302 | 0.000 | 118352363 | 0.0250 | | | |
| | | | | | | RPD = 4.00 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.660 | 0.000 | 23254213 | 0.0249 | | | |
| 2 | 100 | 12.293 | 12.293 | 0.000 | 56340887 | 0.0226 | | | |
| | | | | | | RPD = 9.36 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.793 | 10.793 | 0.000 | 54784317 | 0.0252 | | | |
| 2 | 100 | 11.736 | 11.736 | 0.000 | 137634605 | 0.0243 | | | |
| | | | | | | RPD = 3.78 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.193 | 0.000 | 57337119 | 0.0255 | | | |
| 2 | 100 | 12.473 | 12.473 | 0.000 | 134874318 | 0.0234 | | | |
| | | | | | | RPD = 8.86 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.805 | 12.805 | 0.000 | 57127128 | 0.0239 | | | |
| 2 | 100 | 14.252 | 14.252 | 0.000 | 130722378 | 0.0228 | | | |
| | | | | | | RPD = 4.81 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

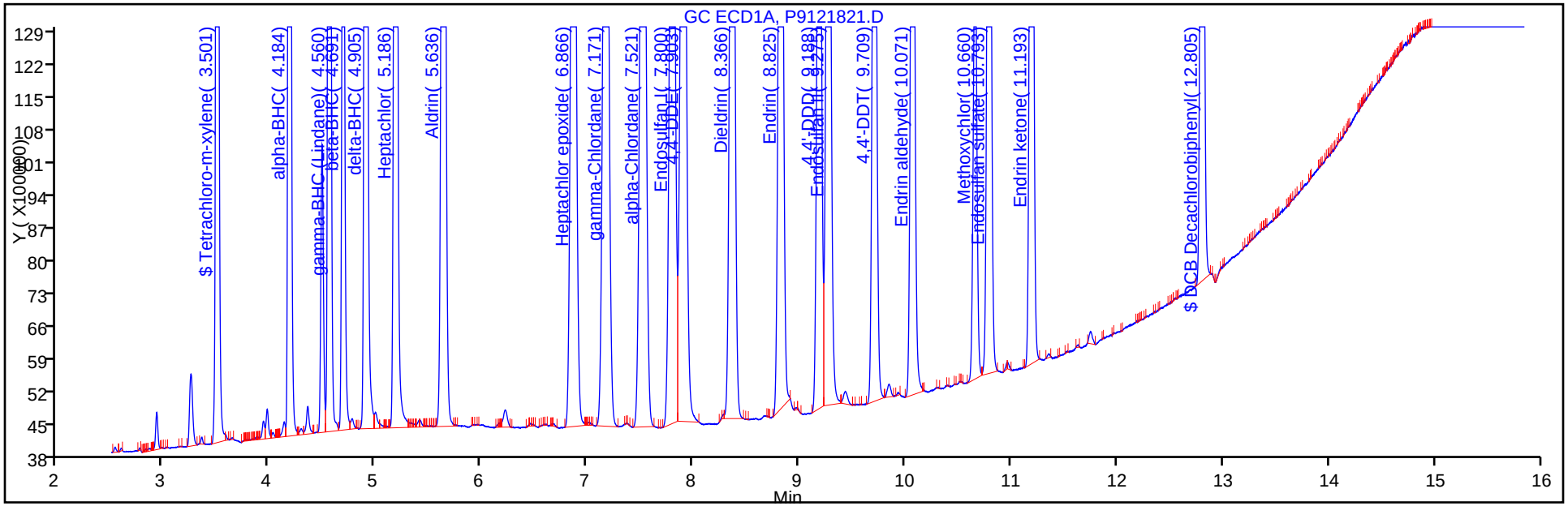
Report Date: 19-Dec-2012 12:50:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

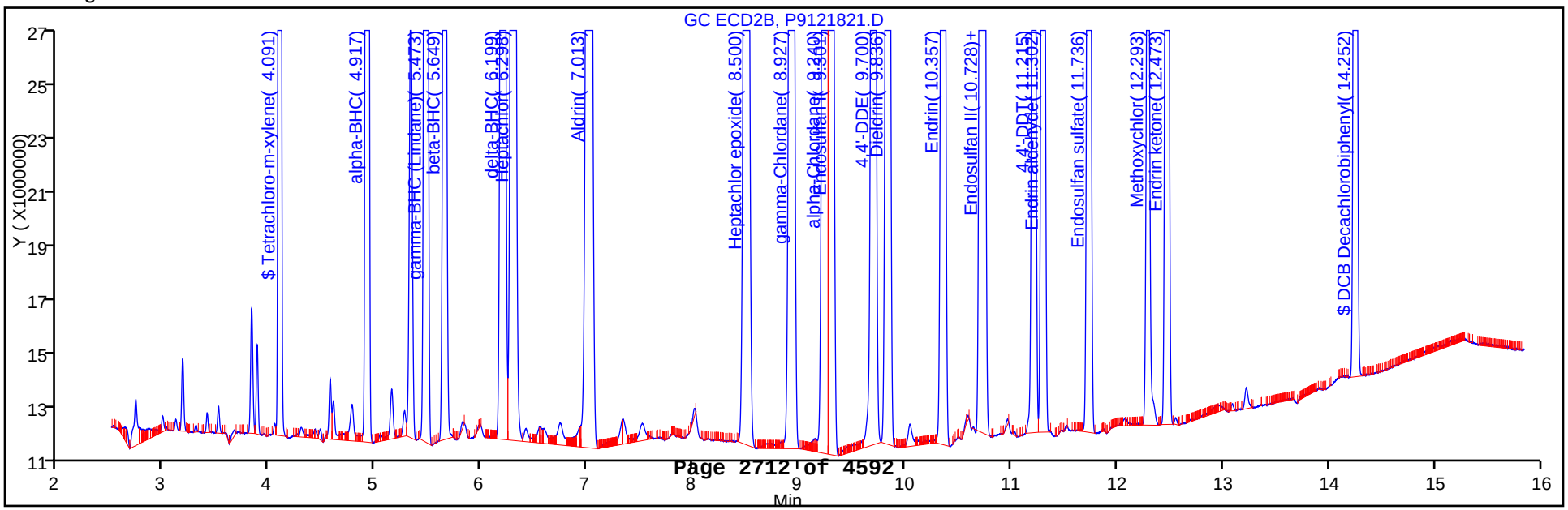
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 17:49:53 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 21 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121821.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 10799529128 | 10410796400 | | 0.0241 | 0.0250 | -3.6 | 20.0 |
| gamma-BHC (Lindane) | Ave | 8974140307 | 8895548200 | | 0.0248 | 0.0250 | -0.9 | 20.0 |
| beta-BHC | Ave | 3772427859 | 3852776480 | | 0.0255 | 0.0250 | 2.1 | 20.0 |
| delta-BHC | Ave | 9427568690 | 9507144480 | | 0.0252 | 0.0250 | 0.8 | 20.0 |
| Heptachlor | Ave | 7957007710 | 8313579480 | | 0.0261 | 0.0250 | 4.5 | 20.0 |
| Aldrin | Ave | 8850366058 | 8785798680 | | 0.0248 | 0.0250 | -0.7 | 20.0 |
| Heptachlor epoxide | Ave | 7294024537 | 7490165760 | | 0.0257 | 0.0250 | 2.7 | 20.0 |
| gamma-Chlordane | Ave | 7469037572 | 7497711120 | | 0.0251 | 0.0250 | 0.4 | 20.0 |
| alpha-Chlordane | Ave | 7560544032 | 7625226640 | | 0.0252 | 0.0250 | 0.9 | 20.0 |
| Endosulfan I | Ave | 6193816738 | 6422784480 | | 0.0259 | 0.0250 | 3.7 | 20.0 |
| 4,4'-DDE | Ave | 7499608111 | 7493742640 | | 0.0250 | 0.0250 | -0.0 | 20.0 |
| Dieldrin | Ave | 6807572539 | 6920194240 | | 0.0254 | 0.0250 | 1.7 | 20.0 |
| Endrin | Ave | 6326640752 | 6554849960 | | 0.0259 | 0.0250 | 3.6 | 20.0 |
| 4,4'-DDD | Ave | 10789989010 | 11105258680 | | 0.0257 | 0.0250 | 2.9 | 20.0 |
| Endosulfan II | Ave | 10941323443 | 11105258680 | | 0.0254 | 0.0250 | 1.5 | 20.0 |
| 4,4'-DDT | Ave | 4929043014 | 4403998720 | | 0.0223 | 0.0250 | -10.7 | 20.0 |
| Endrin aldehyde | Ave | 4731747302 | 4734094520 | | 0.0250 | 0.0250 | 0.0 | 20.0 |
| Endosulfan sulfate | Ave | 5662882600 | 5505384200 | | 0.0243 | 0.0250 | -2.8 | 20.0 |
| Methoxychlor | Ave | 2488628073 | 2253635480 | | 0.0226 | 0.0250 | -9.4 | 20.0 |
| Endrin ketone | Ave | 5768215223 | 5394972720 | | 0.0234 | 0.0250 | -6.5 | 20.0 |
| Tetrachloro-m-xylene | Ave | 7727951763 | 8243237320 | | 0.0267 | 0.0250 | 6.7 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 5736711069 | 5228895120 | | 0.0228 | 0.0250 | -8.9 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121821.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.92 | 4.89 | 4.95 |
| gamma-BHC (Lindane) | 5.47 | 5.44 | 5.50 |
| beta-BHC | 5.65 | 5.62 | 5.68 |
| delta-BHC | 6.20 | 6.17 | 6.23 |
| Heptachlor | 6.30 | 6.26 | 6.33 |
| Aldrin | 7.01 | 6.98 | 7.04 |
| Heptachlor epoxide | 8.50 | 8.47 | 8.53 |
| gamma-Chlordane | 8.93 | 8.90 | 8.96 |
| alpha-Chlordane | 9.24 | 9.21 | 9.27 |
| Endosulfan I | 9.30 | 9.27 | 9.33 |
| 4,4'-DDE | 9.70 | 9.67 | 9.73 |
| Dieldrin | 9.84 | 9.81 | 9.87 |
| Endrin | 10.36 | 10.33 | 10.39 |
| 4,4'-DDD | 10.73 | 10.70 | 10.76 |
| Endosulfan II | 10.73 | 10.70 | 10.76 |
| 4,4'-DDT | 11.22 | 11.19 | 11.25 |
| Endrin aldehyde | 11.30 | 11.27 | 11.33 |
| Endosulfan sulfate | 11.74 | 11.71 | 11.77 |
| Methoxychlor | 12.29 | 12.26 | 12.32 |
| Endrin ketone | 12.47 | 12.44 | 12.50 |
| Tetrachloro-m-xylene | 4.09 | 4.06 | 4.12 |
| DCB Decachlorobiphenyl | 14.25 | 14.22 | 14.28 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 18-Dec-2012 17:49:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69152 Lims Sample ID: 21
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:46:55

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.501 | 0.000 | 69460573 | 0.0268 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 206080933 | 0.0267 | | | |
| | | | | | | RPD = 0.50 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.184 | 4.184 | 0.000 | 84523092 | 0.0247 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 260269910 | 0.0241 | | | |
| | | | | | | RPD = 2.47 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.560 | 0.000 | 73281369 | 0.0252 | | | |
| 2 | 100 | 5.473 | 5.473 | 0.000 | 222388705 | 0.0248 | | | |
| | | | | | | RPD = 1.48 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 31532835 | 0.0252 | | | |
| 2 | 100 | 5.649 | 5.649 | 0.000 | 96319412 | 0.0255 | | | |
| | | | | | | RPD = 1.22 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.905 | 0.000 | 77430191 | 0.0253 | | | |
| 2 | 100 | 6.199 | 6.199 | 0.000 | 237678612 | 0.0252 | | | |
| | | | | | | RPD = 0.31 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.186 | 0.000 | 71300181 | 0.0269 | | | |
| 2 | 100 | 6.298 | 6.298 | 0.000 | 207839487 | 0.0261 | | | |
| | | | | | | RPD = 2.77 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.636 | 0.000 | 78608532 | 0.0246 | | | |
| 2 | 100 | 7.013 | 7.013 | 0.000 | 219644967 | 0.0248 | | | |
| | | | | | | RPD = 0.70 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.866 | 0.000 | 66526045 | 0.0258 | | | |
| 2 | 100 | 8.500 | 8.500 | 0.000 | 187254144 | 0.0257 | | | |
| | | | | | | RPD = 0.40 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.171 | 0.000 | 70206931 | 0.0250 | | | |
| 2 | 100 | 8.927 | 8.927 | 0.000 | 187442778 | 0.0251 | | | |
| | | | | | | RPD = 0.46 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.521 | 7.521 | 0.000 | 71996775 | 0.0247 | | | |
| 2 | 100 | 9.240 | 9.240 | 0.000 | 190630666 | 0.0252 | | | |
| | | | | | | RPD = 2.05 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.800 | 0.000 | 63260707 | 0.0260 | | | |
| 2 | 100 | 9.301 | 9.301 | 0.000 | 160569612 | 0.0259 | | | |
| | | | | | | RPD = 0.41 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.903 | 7.903 | 0.000 | 74401800 | 0.0249 | | | |
| 2 | 100 | 9.700 | 9.700 | 0.000 | 187343566 | 0.0250 | | | |
| | | | | | | RPD = 0.21 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.366 | 8.366 | 0.000 | 64198227 | 0.0257 | | | |
| 2 | 100 | 9.836 | 9.836 | 0.000 | 173004856 | 0.0254 | | | |
| | | | | | | RPD = 1.13 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.825 | 0.000 | 60557471 | 0.0267 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 163871249 | 0.0259 | | | |
| | | | | | | RPD = 3.12 | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 48453720 | 0.0264 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 277631467 | 0.0257 | | | M |
| | | | | | | RPD = 2.50 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.275 | 9.275 | 0.000 | 60509525 | 0.0256 | | | |
| 2 | 100 | 10.728 | 10.728 | 0.000 | 277631467 | 0.0254 | | | M |
| | | | | | | RPD = 1.04 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.709 | 0.000 | 48563607 | 0.0243 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 110099968 | 0.0223 | | | |
| | | | | | | RPD = 8.62 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.071 | 10.071 | 0.000 | 46852633 | 0.0260 | | | |
| 2 | 100 | 11.302 | 11.302 | 0.000 | 118352363 | 0.0250 | | | |
| | | | | | | RPD = 4.00 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.660 | 0.000 | 23254213 | 0.0249 | | | |
| 2 | 100 | 12.293 | 12.293 | 0.000 | 56340887 | 0.0226 | | | |
| | | | | | | RPD = 9.36 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.793 | 10.793 | 0.000 | 54784317 | 0.0252 | | | |
| 2 | 100 | 11.736 | 11.736 | 0.000 | 137634605 | 0.0243 | | | |
| | | | | | | RPD = 3.78 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.193 | 0.000 | 57337119 | 0.0255 | | | |
| 2 | 100 | 12.473 | 12.473 | 0.000 | 134874318 | 0.0234 | | | |
| | | | | | | RPD = 8.86 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.805 | 12.805 | 0.000 | 57127128 | 0.0239 | | | |
| 2 | 100 | 14.252 | 14.252 | 0.000 | 130722378 | 0.0228 | | | |
| | | | | | | RPD = 4.81 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

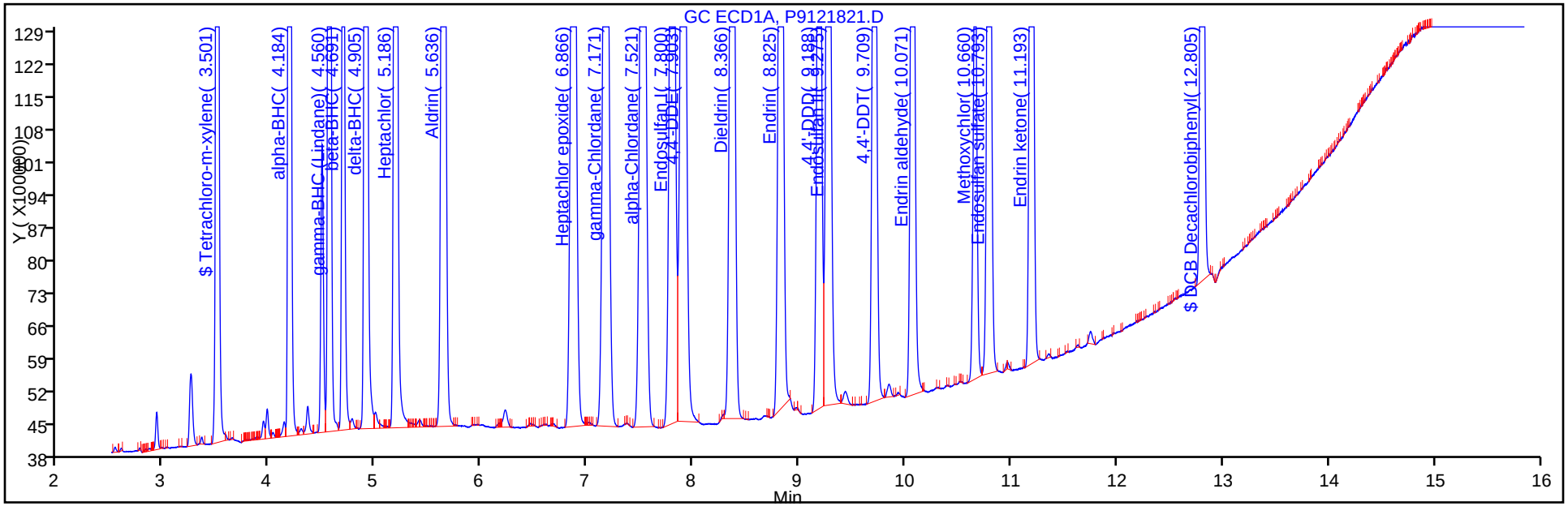
Report Date: 19-Dec-2012 12:50:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

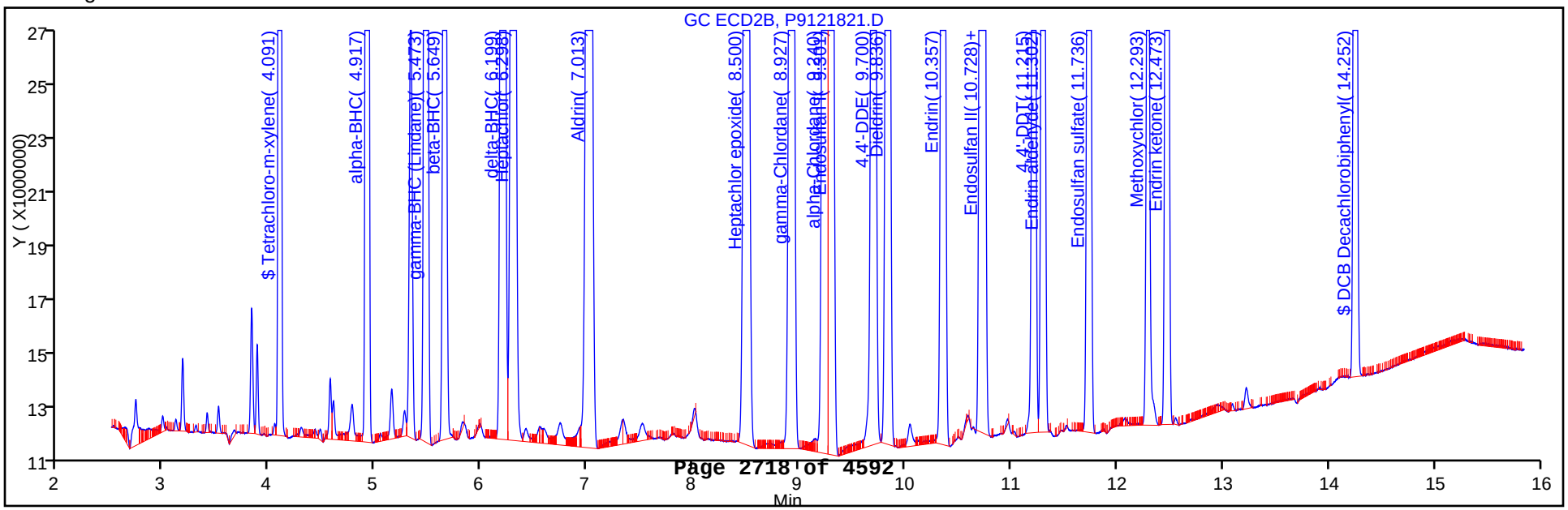
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 17:49:53 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 21 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

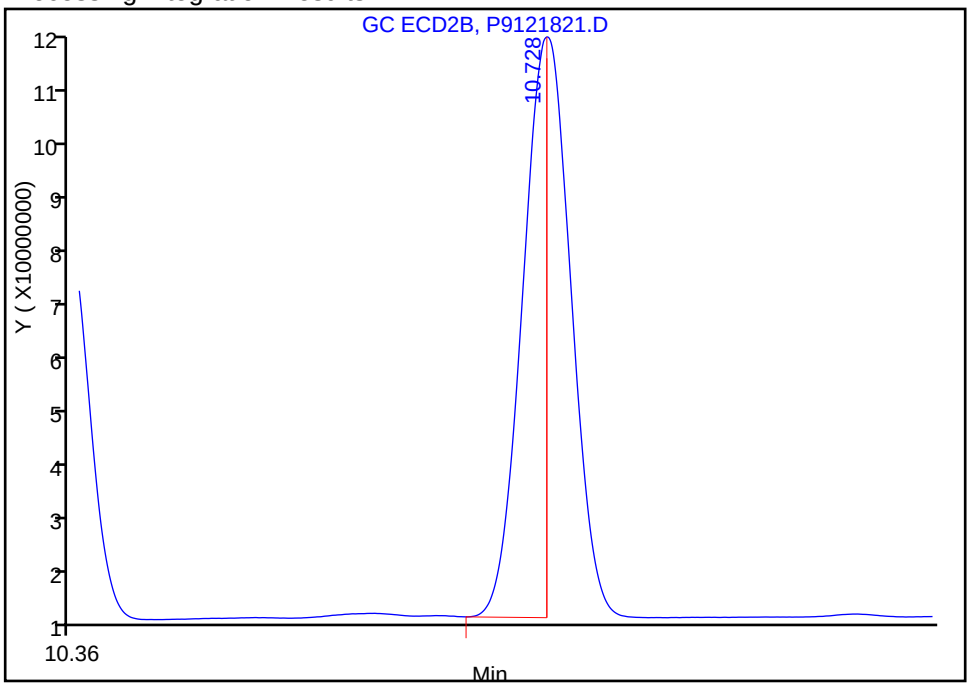
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D | | |
| Injection Date: | 18-Dec-2012 17:49:53 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 21 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

1 4,4'-DDD, Signal: 2, Type: quant, RT: 10.73, Det: GC ecd2b

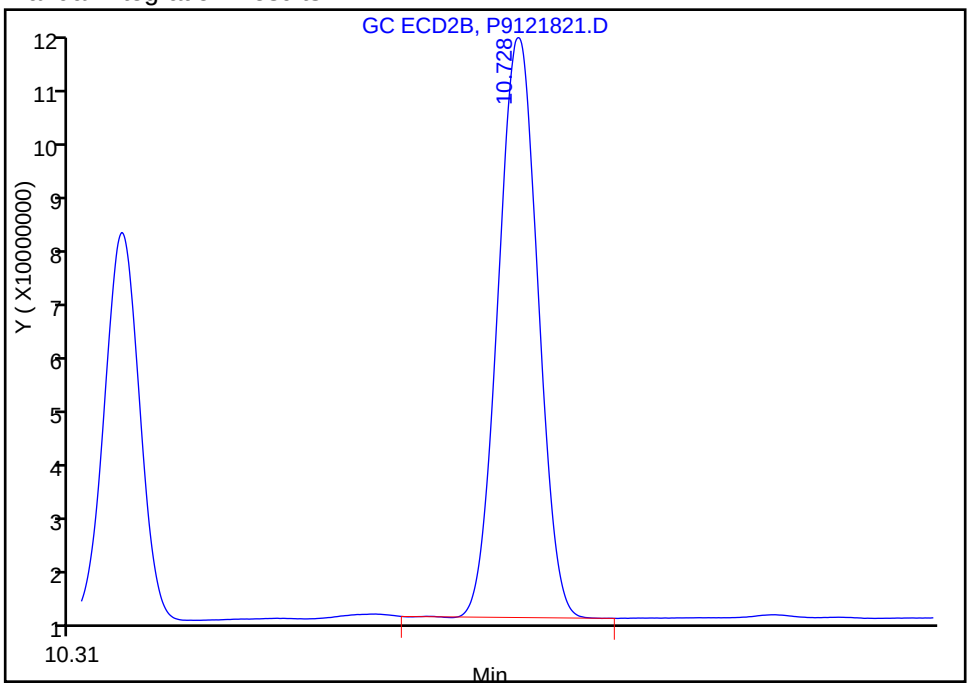
Processing Integration Results

RT: 10.73
Response: 137676116
Amount: 0.012760




Manual Integration Results

RT: 10.73
Response: 277631467
Amount: 0.025730




Reviewer: vandorenc, 19-Dec-2012 12:46:55
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

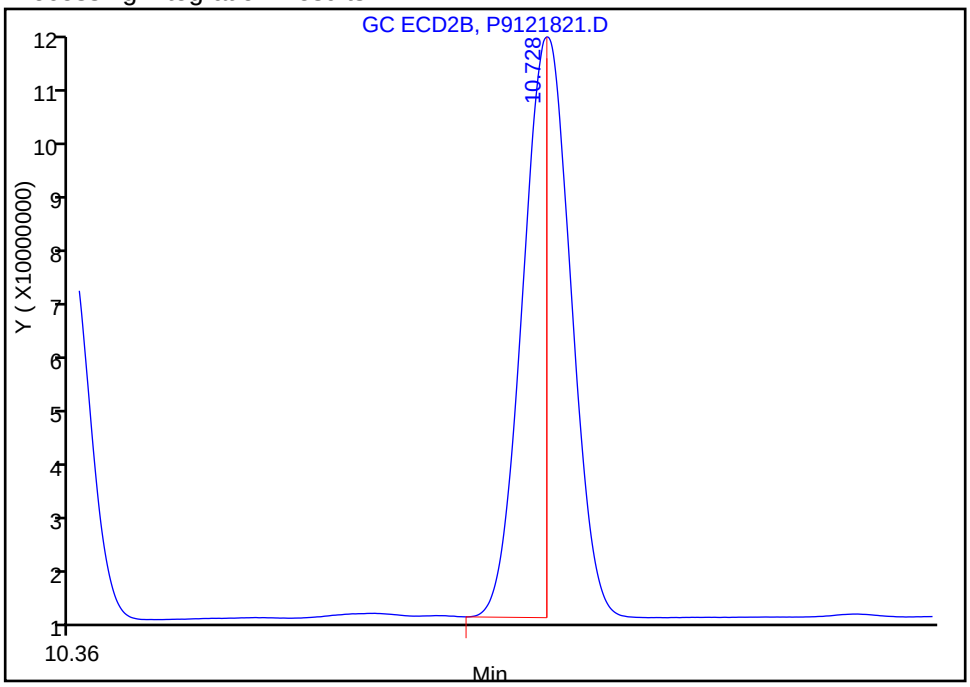
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D | | |
| Injection Date: | 18-Dec-2012 17:49:53 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 21 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

15 Endosulfan II, Signal: 2, Type: quant, RT: 10.73, Det: GC ecd2b

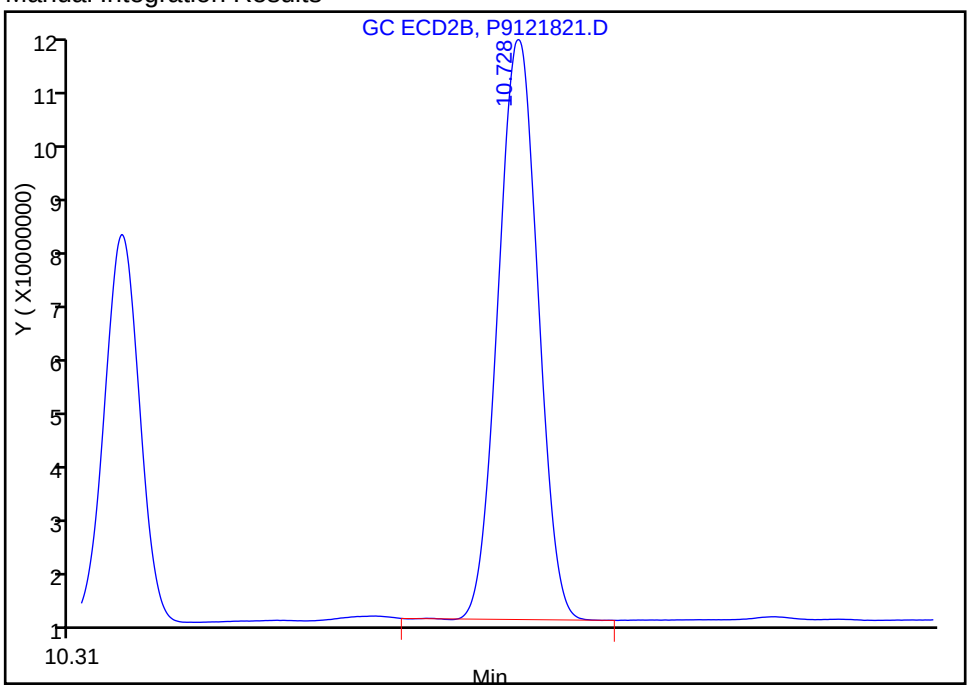
Processing Integration Results

RT: 10.73
Response: 137676116
Amount: 0.012583




Manual Integration Results

RT: 10.73
Response: 277631467
Amount: 0.025375




Reviewer: vandorenc, 19-Dec-2012 12:46:55
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 3809820948 | 4039515520 | | 0.0265 | 0.0250 | 6.0 | 20.0 |
| gamma-BHC (Lindane) | Ave | 3115561773 | 3374787160 | | 0.0271 | 0.0250 | 8.3 | 20.0 |
| beta-BHC | Ave | 1356797063 | 1474741280 | | 0.0272 | 0.0250 | 8.7 | 20.0 |
| delta-BHC | Ave | 3375911380 | 3631201880 | | 0.0269 | 0.0250 | 7.6 | 20.0 |
| Heptachlor | Ave | 2743824669 | 3111274160 | | 0.0283 | 0.0250 | 13.4 | 20.0 |
| Aldrin | Ave | 3555606031 | 3769787000 | | 0.0265 | 0.0250 | 6.0 | 20.0 |
| Heptachlor epoxide | Ave | 2721274567 | 2951023680 | | 0.0271 | 0.0250 | 8.4 | 20.0 |
| gamma-Chlordane | Ave | 3063197814 | 3225258800 | | 0.0263 | 0.0250 | 5.3 | 20.0 |
| alpha-Chlordane | Ave | 3157953329 | 3245688040 | | 0.0257 | 0.0250 | 2.8 | 20.0 |
| Endosulfan I | Ave | 2558663944 | 2770143320 | | 0.0271 | 0.0250 | 8.3 | 20.0 |
| 4,4'-DDE | Ave | 3306510503 | 3552352560 | | 0.0269 | 0.0250 | 7.4 | 20.0 |
| Dieldrin | Ave | 2654935053 | 2861410320 | | 0.0269 | 0.0250 | 7.8 | 20.0 |
| Endrin | Ave | 2443787478 | 2600647600 | | 0.0266 | 0.0250 | 6.4 | 20.0 |
| 4,4'-DDD | Ave | 1890252848 | 2030152280 | | 0.0269 | 0.0250 | 7.4 | 20.0 |
| Endosulfan II | Ave | 2526594343 | 2723076520 | | 0.0269 | 0.0250 | 7.8 | 20.0 |
| 4,4'-DDT | Ave | 1877093720 | 2075640560 | | 0.0276 | 0.0250 | 10.6 | 20.0 |
| Endrin aldehyde | Ave | 1838690332 | 1991923280 | | 0.0271 | 0.0250 | 8.3 | 20.0 |
| Methoxychlor | Ave | 877879613 | 973407080 | | 0.0277 | 0.0250 | 10.9 | 20.0 |
| Endosulfan sulfate | Ave | 2238400517 | 2436887280 | | 0.0272 | 0.0250 | 8.9 | 20.0 |
| Endrin ketone | Ave | 2341348883 | 2481018000 | | 0.0265 | 0.0250 | 6.0 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.18 | 4.15 | 4.21 |
| gamma-BHC (Lindane) | 4.56 | 4.53 | 4.59 |
| beta-BHC | 4.69 | 4.66 | 4.72 |
| delta-BHC | 4.90 | 4.87 | 4.93 |
| Heptachlor | 5.18 | 5.15 | 5.22 |
| Aldrin | 5.63 | 5.60 | 5.66 |
| Heptachlor epoxide | 6.86 | 6.83 | 6.89 |
| gamma-Chlordane | 7.16 | 7.14 | 7.20 |
| alpha-Chlordane | 7.51 | 7.49 | 7.55 |
| Endosulfan I | 7.79 | 7.76 | 7.82 |
| 4,4'-DDE | 7.90 | 7.87 | 7.93 |
| Dieldrin | 8.36 | 8.33 | 8.39 |
| Endrin | 8.82 | 8.79 | 8.85 |
| 4,4'-DDD | 9.19 | 9.16 | 9.22 |
| Endosulfan II | 9.27 | 9.24 | 9.30 |
| 4,4'-DDT | 9.71 | 9.68 | 9.74 |
| Endrin aldehyde | 10.07 | 10.04 | 10.10 |
| Methoxychlor | 10.66 | 10.63 | 10.69 |
| Endosulfan sulfate | 10.79 | 10.76 | 10.82 |
| Endrin ketone | 11.19 | 11.16 | 11.22 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D
Lims ID: ICV Client ID:
Inject. Date: 22-Dec-2012 15:37:27 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016122-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69893 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:50:01

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 100987888 | 0.0265 | | | |
| 2 | 100 | 4.912 | 4.913 | -0.001 | 341927551 | 0.0259 | | | |
| | | | | | | RPD = 2.13 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 84369679 | 0.0271 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 278526382 | 0.0267 | | | |
| | | | | | | RPD = 1.41 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 36868532 | 0.0272 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 116003689 | 0.0266 | | | |
| | | | | | | RPD = 2.16 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 90780047 | 0.0269 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 283196358 | 0.0261 | | | |
| | | | | | | RPD = 3.02 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 77781854 | 0.0283 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 246001669 | 0.0279 | | | |
| | | | | | | RPD = 1.45 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.632 | 5.633 | -0.001 | 94244675 | 0.0265 | | | |
| 2 | 100 | 7.003 | 7.005 | -0.002 | 281700133 | 0.0265 | | | |
| | | | | | | RPD = 0.05 | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.858 | 6.860 | -0.002 | 73775592 | 0.0271 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 226628994 | 0.0272 | | | |
| | | | | | | RPD = 0.19 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.166 | -0.002 | 80631470 | 0.0263 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 236922539 | 0.0265 | | | |
| | | | | | | RPD = 0.77 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.514 | 7.516 | -0.002 | 81142201 | 0.0257 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 227744534 | 0.0257 | | | |
| | | | | | | RPD = 0.17 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.792 | 7.794 | -0.002 | 69253583 | 0.0271 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 196479693 | 0.0275 | | | |
| | | | | | | RPD = 1.75 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.898 | 7.899 | -0.001 | 88808814 | 0.0269 | | | |
| 2 | 100 | 9.694 | 9.694 | 0.000 | 229463705 | 0.0265 | | | |
| | | | | | | RPD = 1.18 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.358 | 8.361 | -0.003 | 71535258 | 0.0269 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 217654379 | 0.0274 | | | |
| | | | | | | RPD = 1.84 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.817 | 8.818 | -0.001 | 65016190 | 0.0266 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 189786480 | 0.0269 | | | |
| | | | | | | RPD = 1.26 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.186 | 9.185 | 0.001 | 50753807 | 0.0269 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 338379365 | 0.0273 | | | |
| | | | | | | RPD = 1.72 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 68076913 | 0.0269 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 338379365 | 0.0273 | | | |
| | | | | | | RPD = 1.38 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.706 | 0.000 | 51891014 | 0.0276 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 127071913 | 0.0272 | | | |
| | | | | | | RPD = 1.49 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 49798082 | 0.0271 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 144159571 | 0.0274 | | | |
| | | | | | | RPD = 1.34 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.658 | 10.659 | -0.001 | 24335177 | 0.0277 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 63551889 | 0.0275 | | | |
| | | | | | | RPD = 0.77 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.787 | 10.789 | -0.002 | 60922182 | 0.0272 | | | |
| 2 | 100 | 11.729 | 11.730 | -0.001 | 174462524 | 0.0275 | | | |
| | | | | | | RPD = 0.87 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.188 | 11.188 | 0.000 | 62025450 | 0.0265 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 167953549 | 0.0269 | | | |
| | | | | | | RPD = 1.37 | | | |

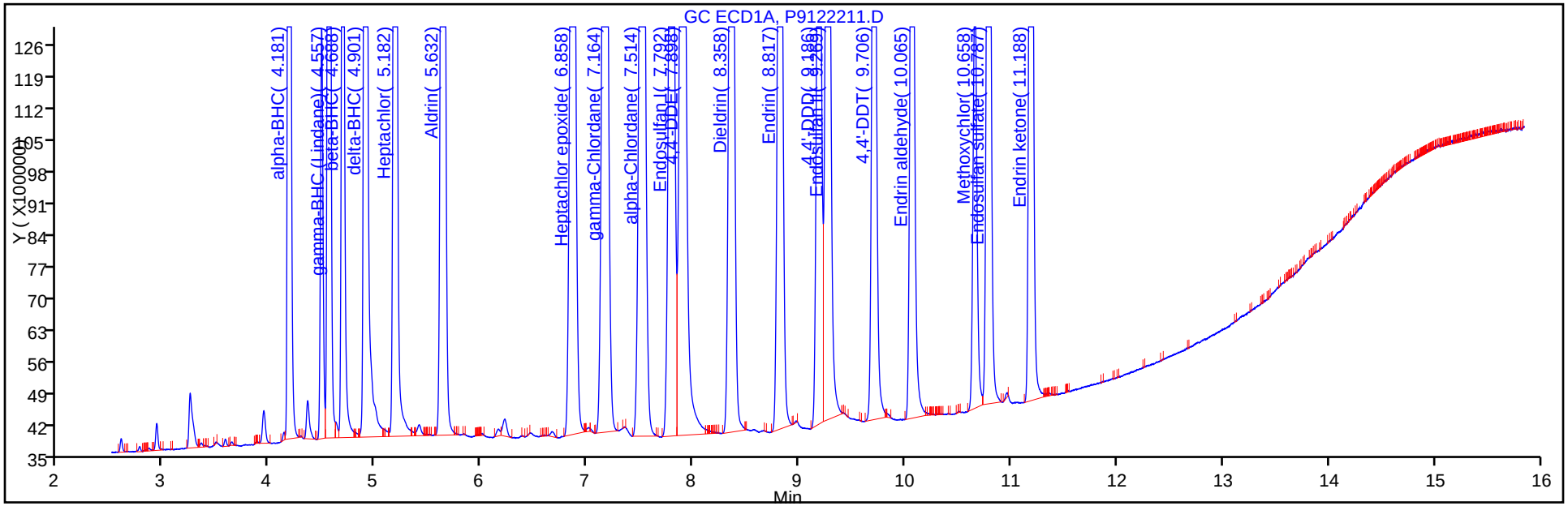
Report Date: 31-Dec-2012 10:57:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

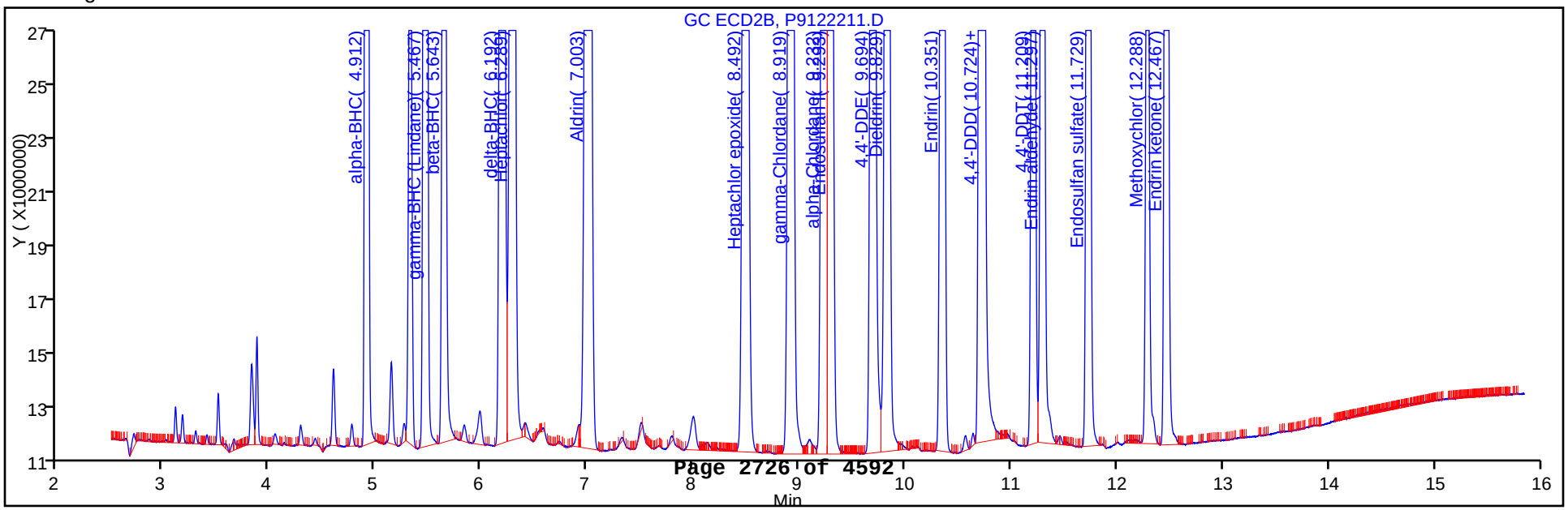
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 15:37:27 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 11 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 13177110828 | 13677102040 | | 0.0259 | 0.0250 | 3.8 | 20.0 |
| gamma-BHC (Lindane) | Ave | 10430817708 | 11141055280 | | 0.0267 | 0.0250 | 6.8 | 20.0 |
| beta-BHC | Ave | 4362472019 | 4640147560 | | 0.0266 | 0.0250 | 6.4 | 20.0 |
| delta-BHC | Ave | 10854717199 | 11327854320 | | 0.0261 | 0.0250 | 4.4 | 20.0 |
| Heptachlor | Ave | 8804394038 | 9840066760 | | 0.0279 | 0.0250 | 11.8 | 20.0 |
| Aldrin | Ave | 10632857867 | 11268005320 | | 0.0265 | 0.0250 | 6.0 | 20.0 |
| Heptachlor epoxide | Ave | 8343678396 | 9065159760 | | 0.0272 | 0.0250 | 8.6 | 20.0 |
| gamma-Chlordane | Ave | 8931440033 | 9476901560 | | 0.0265 | 0.0250 | 6.1 | 20.0 |
| alpha-Chlordane | Ave | 8848756132 | 9109781360 | | 0.0257 | 0.0250 | 2.9 | 20.0 |
| Endosulfan I | Ave | 7133143283 | 7859187720 | | 0.0275 | 0.0250 | 10.2 | 20.0 |
| 4,4'-DDE | Ave | 8644997313 | 9178548200 | | 0.0265 | 0.0250 | 6.2 | 20.0 |
| Dieldrin | Ave | 7930499061 | 8706175160 | | 0.0274 | 0.0250 | 9.8 | 20.0 |
| Endrin | Ave | 7044330525 | 7591459200 | | 0.0269 | 0.0250 | 7.8 | 20.0 |
| 4,4'-DDD | Ave | 12386945794 | 13535174600 | | 0.0273 | 0.0250 | 9.3 | 20.0 |
| Endosulfan II | Ave | 12386945794 | 13535174600 | | 0.0273 | 0.0250 | 9.3 | 20.0 |
| 4,4'-DDT | Ave | 4665523587 | 5082876520 | | 0.0272 | 0.0250 | 8.9 | 20.0 |
| Endrin aldehyde | Ave | 5251792496 | 5766382840 | | 0.0274 | 0.0250 | 9.8 | 20.0 |
| Endosulfan sulfate | Ave | 6354273613 | 6978500960 | | 0.0275 | 0.0250 | 9.8 | 20.0 |
| Methoxychlor | Ave | 2310305654 | 2542075560 | | 0.0275 | 0.0250 | 10.0 | 20.0 |
| Endrin ketone | Ave | 6253762508 | 6718141960 | | 0.0269 | 0.0250 | 7.4 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.91 | 4.88 | 4.94 |
| gamma-BHC (Lindane) | 5.47 | 5.44 | 5.50 |
| beta-BHC | 5.64 | 5.61 | 5.67 |
| delta-BHC | 6.19 | 6.16 | 6.22 |
| Heptachlor | 6.29 | 6.25 | 6.32 |
| Aldrin | 7.00 | 6.98 | 7.04 |
| Heptachlor epoxide | 8.49 | 8.46 | 8.52 |
| gamma-Chlordane | 8.92 | 8.89 | 8.95 |
| alpha-Chlordane | 9.23 | 9.20 | 9.26 |
| Endosulfan I | 9.29 | 9.26 | 9.32 |
| 4,4'-DDE | 9.69 | 9.66 | 9.72 |
| Dieldrin | 9.83 | 9.80 | 9.86 |
| Endrin | 10.35 | 10.32 | 10.38 |
| 4,4'-DDD | 10.72 | 10.69 | 10.75 |
| Endosulfan II | 10.72 | 10.69 | 10.75 |
| 4,4'-DDT | 11.21 | 11.18 | 11.24 |
| Endrin aldehyde | 11.30 | 11.27 | 11.33 |
| Endosulfan sulfate | 11.73 | 11.70 | 11.76 |
| Methoxychlor | 12.29 | 12.26 | 12.32 |
| Endrin ketone | 12.47 | 12.44 | 12.50 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D
Lims ID: ICV Client ID:
Inject. Date: 22-Dec-2012 15:37:27 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016122-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69893 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:50:01

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.182 | -0.001 | 100987888 | 0.0265 | | | |
| 2 | 100 | 4.912 | 4.913 | -0.001 | 341927551 | 0.0259 | | | |
| | | | | | | RPD = 2.13 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 84369679 | 0.0271 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 278526382 | 0.0267 | | | |
| | | | | | | RPD = 1.41 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 36868532 | 0.0272 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 116003689 | 0.0266 | | | |
| | | | | | | RPD = 2.16 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 90780047 | 0.0269 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 283196358 | 0.0261 | | | |
| | | | | | | RPD = 3.02 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 77781854 | 0.0283 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 246001669 | 0.0279 | | | |
| | | | | | | RPD = 1.45 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.632 | 5.633 | -0.001 | 94244675 | 0.0265 | | | |
| 2 | 100 | 7.003 | 7.005 | -0.002 | 281700133 | 0.0265 | | | |
| | | | | | | RPD = 0.05 | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.858 | 6.860 | -0.002 | 73775592 | 0.0271 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 226628994 | 0.0272 | | | |
| | | | | | | RPD = 0.19 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.166 | -0.002 | 80631470 | 0.0263 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 236922539 | 0.0265 | | | |
| | | | | | | RPD = 0.77 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.514 | 7.516 | -0.002 | 81142201 | 0.0257 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 227744534 | 0.0257 | | | |
| | | | | | | RPD = 0.17 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.792 | 7.794 | -0.002 | 69253583 | 0.0271 | | | |
| 2 | 100 | 9.293 | 9.294 | -0.001 | 196479693 | 0.0275 | | | |
| | | | | | | RPD = 1.75 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.898 | 7.899 | -0.001 | 88808814 | 0.0269 | | | |
| 2 | 100 | 9.694 | 9.694 | 0.000 | 229463705 | 0.0265 | | | |
| | | | | | | RPD = 1.18 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.358 | 8.361 | -0.003 | 71535258 | 0.0269 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 217654379 | 0.0274 | | | |
| | | | | | | RPD = 1.84 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.817 | 8.818 | -0.001 | 65016190 | 0.0266 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 189786480 | 0.0269 | | | |
| | | | | | | RPD = 1.26 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.186 | 9.185 | 0.001 | 50753807 | 0.0269 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 338379365 | 0.0273 | | | |
| | | | | | | RPD = 1.72 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 68076913 | 0.0269 | | | |
| 2 | 100 | 10.724 | 10.724 | 0.000 | 338379365 | 0.0273 | | | |
| | | | | | | RPD = 1.38 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.706 | 0.000 | 51891014 | 0.0276 | | | |
| 2 | 100 | 11.209 | 11.209 | 0.000 | 127071913 | 0.0272 | | | |
| | | | | | | RPD = 1.49 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 49798082 | 0.0271 | | | |
| 2 | 100 | 11.297 | 11.297 | 0.000 | 144159571 | 0.0274 | | | |
| | | | | | | RPD = 1.34 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.658 | 10.659 | -0.001 | 24335177 | 0.0277 | | | |
| 2 | 100 | 12.288 | 12.288 | 0.000 | 63551889 | 0.0275 | | | |
| | | | | | | RPD = 0.77 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.787 | 10.789 | -0.002 | 60922182 | 0.0272 | | | |
| 2 | 100 | 11.729 | 11.730 | -0.001 | 174462524 | 0.0275 | | | |
| | | | | | | RPD = 0.87 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.188 | 11.188 | 0.000 | 62025450 | 0.0265 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 167953549 | 0.0269 | | | |
| | | | | | | RPD = 1.37 | | | |

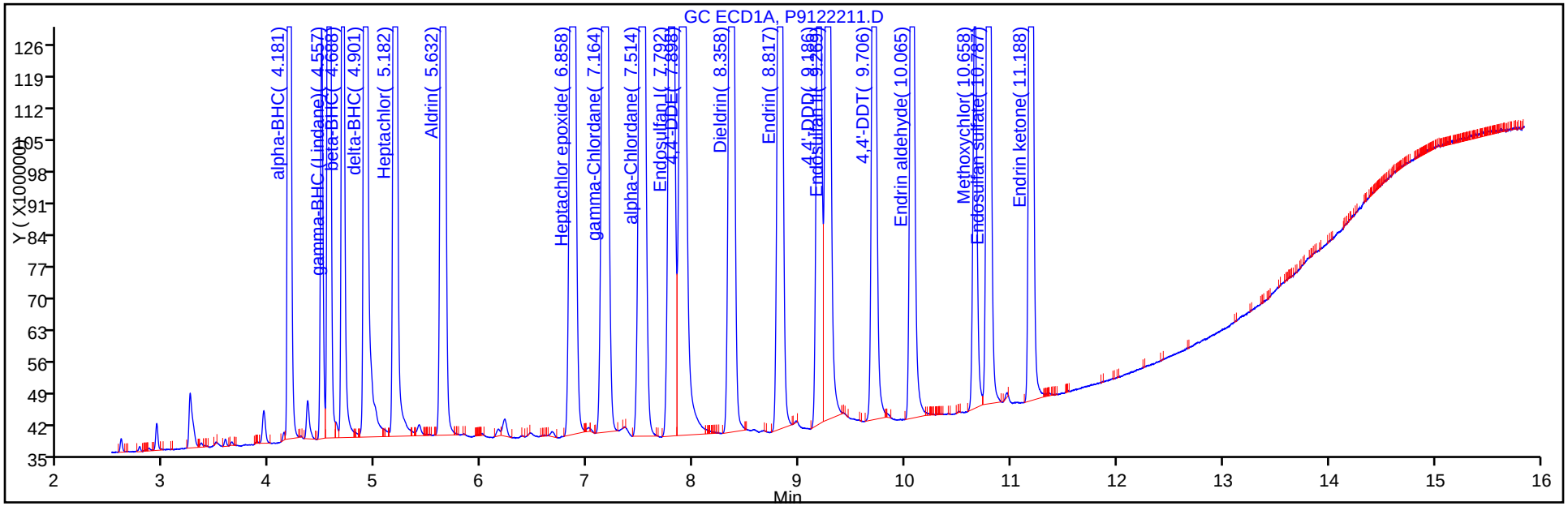
Report Date: 31-Dec-2012 10:57:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

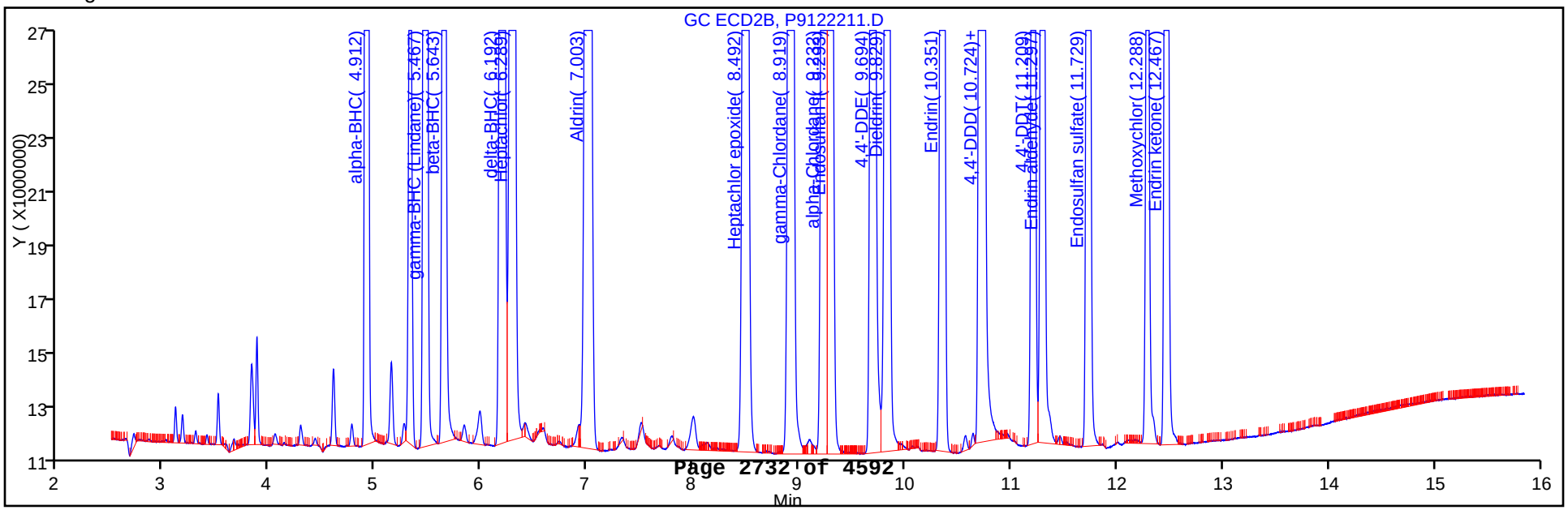
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 15:37:27 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 11 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 68992790 | 71761656 | | 1.04 | 1.00 | 4.0 | 20.0 |
| Toxaphene Peak 2 | Ave | 85469637 | 89857025 | | 1.05 | 1.00 | 5.1 | 20.0 |
| Toxaphene Peak 3 | Ave | 73765512 | 77269907 | | 1.05 | 1.00 | 4.8 | 20.0 |
| Toxaphene Peak 4 | Ave | 98743767 | 101970550 | | 1.03 | 1.00 | 3.3 | 20.0 |
| Toxaphene Peak 5 | Ave | 63625849 | 64821985 | | 1.02 | 1.00 | 1.9 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 9.50 | 9.47 | 9.53 |
| Toxaphene Peak 2 | 9.95 | 9.92 | 9.98 |
| Toxaphene Peak 3 | 10.02 | 9.99 | 10.05 |
| Toxaphene Peak 4 | 10.60 | 10.57 | 10.63 |
| Toxaphene Peak 5 | 11.17 | 11.14 | 11.20 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 22-Dec-2012 18:27:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 69893 Lims Sample ID: 18
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:09:20

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.498 | 9.498 | 0.000 | 71761656 | 1.04 | | 100.0 | |
| 1 | 2 | 9.949 | 9.949 | 0.000 | 89857025 | 1.05 | 105.5- 145.5 | 125.2 | |
| 1 | 3 | 10.015 | 10.015 | 0.000 | 77269907 | 1.05 | 90.3- 130.3 | 107.7 | |
| 1 | 4 | 10.599 | 10.599 | 0.000 | 101970550 | 1.03 | 116.9- 156.9 | 142.1 | |
| 1 | 5 | 11.165 | 11.165 | 0.000 | 64821985 | 1.02 | 64.5- 104.5 | 90.3 | |
| | | | Average of Peak Amounts = | | | 1.04 | | | |
| 2 | 100 | 10.886 | 10.886 | 0.000 | 303978109 | 1.14 | | 100.0 | M |
| 2 | 2 | 11.435 | 11.435 | 0.000 | 187388715 | 1.13 | 43.7- 83.7 | 61.6 | M |
| 2 | 3 | 11.836 | 11.836 | 0.000 | 185398751 | 1.08 | 45.7- 85.7 | 61.0 | M |
| 2 | 4 | 12.064 | 12.064 | 0.000 | 277559119 | 1.08 | 80.2- 120.2 | 91.3 | M |
| 2 | 5 | 12.451 | 12.451 | 0.000 | 124574461 | 1.02 | 28.1- 68.1 | 41.0 | M |
| | | | Average of Peak Amounts = | | | 1.09 | | | |
| | | | | | | RPD = 4.97 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

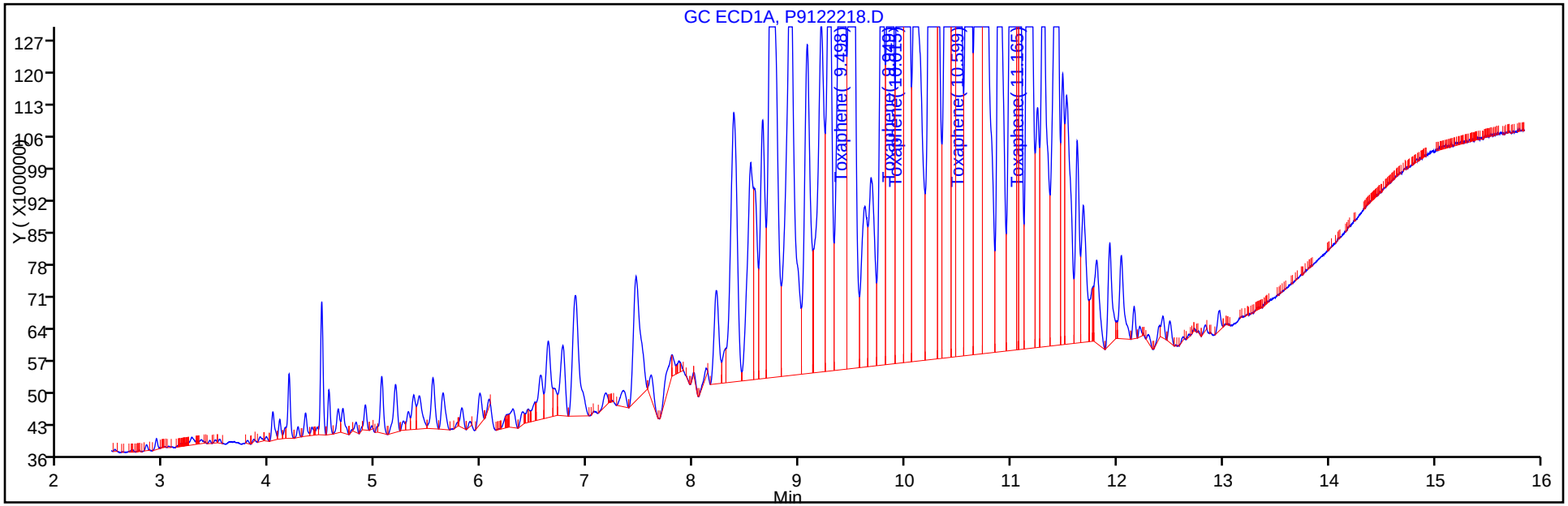
Report Date: 31-Dec-2012 13:52:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

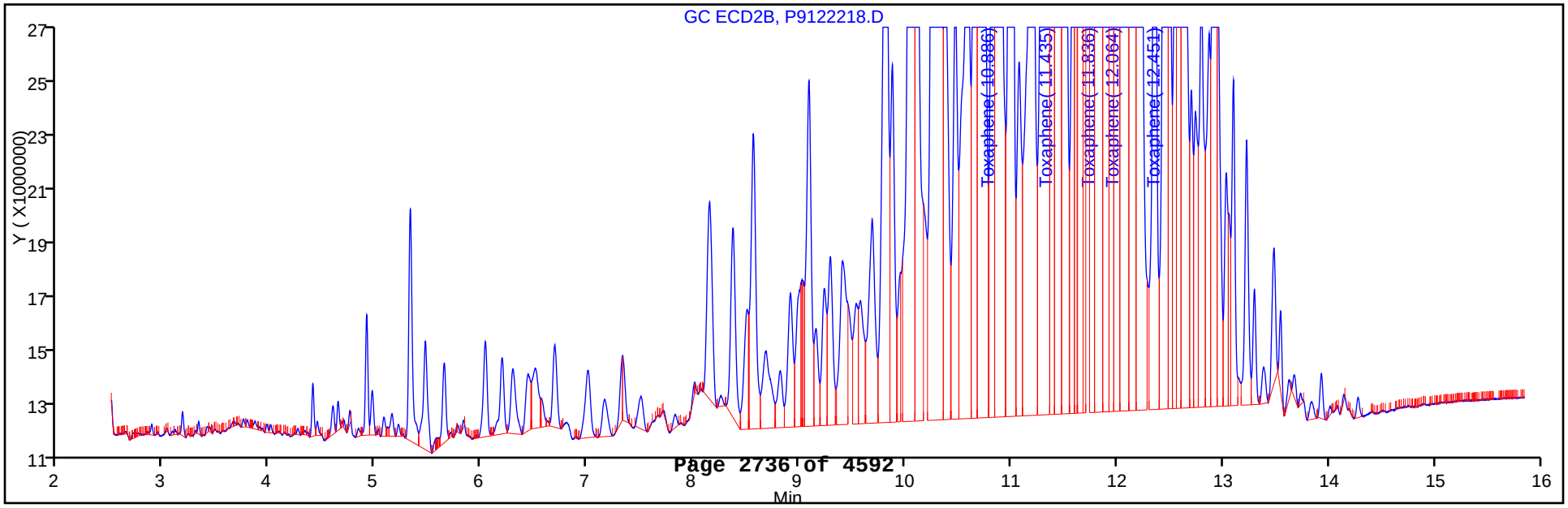
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 18:27:06 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 18 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 265485355 | 303978109 | | 1.14 | 1.00 | 14.5 | 20.0 |
| Toxaphene Peak 2 | Ave | 165982849 | 187388715 | | 1.13 | 1.00 | 12.9 | 20.0 |
| Toxaphene Peak 3 | Ave | 171487862 | 185398751 | | 1.08 | 1.00 | 8.1 | 20.0 |
| Toxaphene Peak 4 | Ave | 256795996 | 277559119 | | 1.08 | 1.00 | 8.1 | 20.0 |
| Toxaphene Peak 5 | Ave | 122259762 | 124574461 | | 1.02 | 1.00 | 1.9 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 10.89 | 10.86 | 10.92 |
| Toxaphene Peak 2 | 11.44 | 11.41 | 11.47 |
| Toxaphene Peak 3 | 11.84 | 11.81 | 11.87 |
| Toxaphene Peak 4 | 12.06 | 12.03 | 12.09 |
| Toxaphene Peak 5 | 12.45 | 12.42 | 12.48 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 22-Dec-2012 18:27:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 69893 Lims Sample ID: 18
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:09:20

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.498 | 9.498 | 0.000 | 71761656 | 1.04 | | 100.0 | |
| 1 | 2 | 9.949 | 9.949 | 0.000 | 89857025 | 1.05 | 105.5- 145.5 | 125.2 | |
| 1 | 3 | 10.015 | 10.015 | 0.000 | 77269907 | 1.05 | 90.3- 130.3 | 107.7 | |
| 1 | 4 | 10.599 | 10.599 | 0.000 | 101970550 | 1.03 | 116.9- 156.9 | 142.1 | |
| 1 | 5 | 11.165 | 11.165 | 0.000 | 64821985 | 1.02 | 64.5- 104.5 | 90.3 | |
| | | | Average of Peak Amounts = | | | 1.04 | | | |
| 2 | 100 | 10.886 | 10.886 | 0.000 | 303978109 | 1.14 | | 100.0 | M |
| 2 | 2 | 11.435 | 11.435 | 0.000 | 187388715 | 1.13 | 43.7- 83.7 | 61.6 | M |
| 2 | 3 | 11.836 | 11.836 | 0.000 | 185398751 | 1.08 | 45.7- 85.7 | 61.0 | M |
| 2 | 4 | 12.064 | 12.064 | 0.000 | 277559119 | 1.08 | 80.2- 120.2 | 91.3 | M |
| 2 | 5 | 12.451 | 12.451 | 0.000 | 124574461 | 1.02 | 28.1- 68.1 | 41.0 | M |
| | | | Average of Peak Amounts = | | | 1.09 | | | |
| | | | | | | RPD = 4.97 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

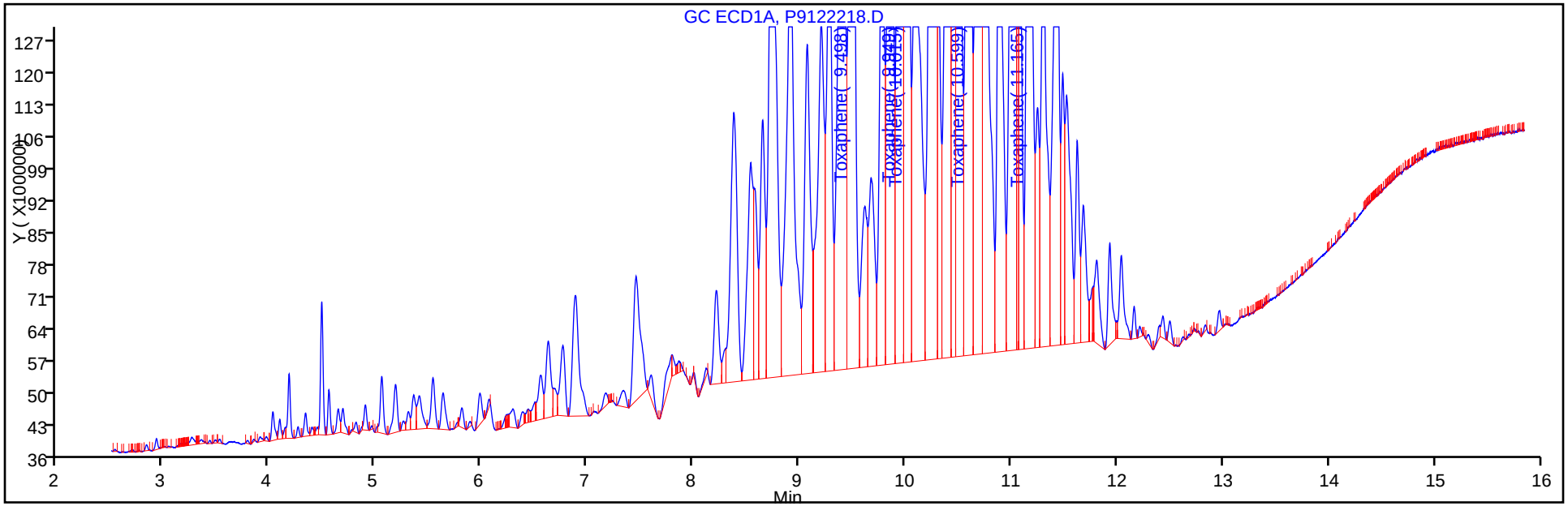
Report Date: 31-Dec-2012 13:52:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

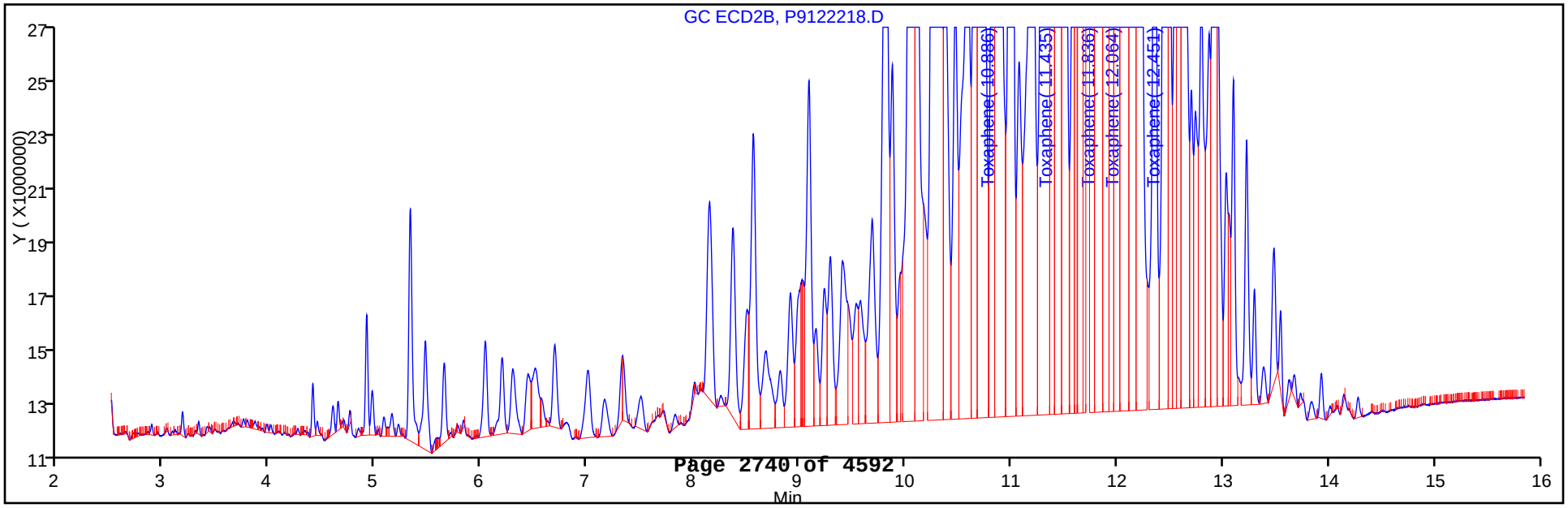
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| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 18:27:06 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 18 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



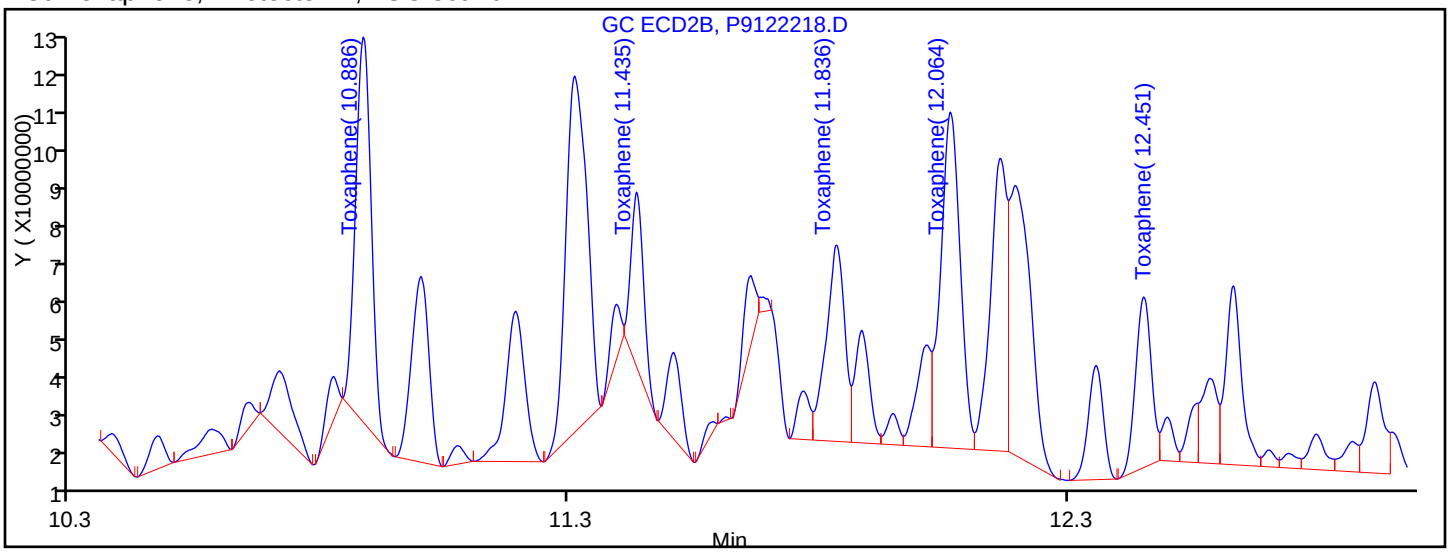
Report Date: 31-Dec-2012 13:52:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D

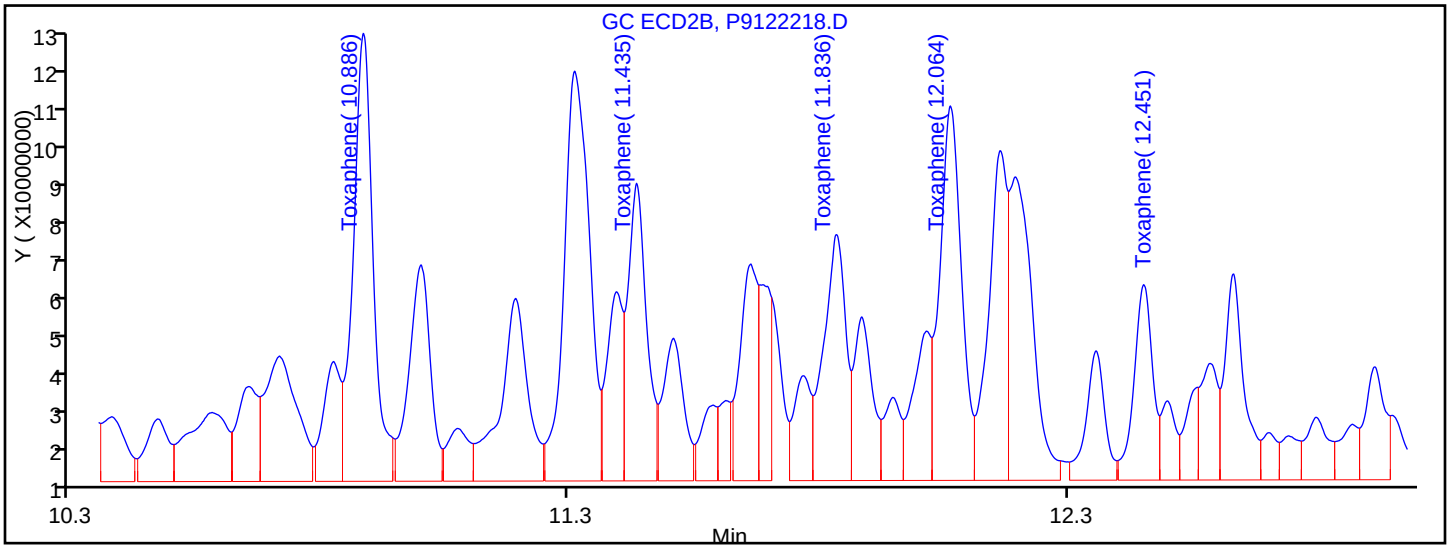
| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 18:27:06 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 18 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 2, GC ecd2b




Processing Integration Results

| | | |
|---|---|---|
| RT = 10.886 | Response = 199363103 | M |
| RT = 11.435 | Response = 72927533 | M |
| RT = 11.836 | Response = 121080065 | M |
| RT = 12.064 | Response = 215842693 | M |
| RT = 12.451 | Response = 89784564 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 10.886 | Response = 303978109 | M |
| RT = 11.435 | Response = 187388715 | M |
| RT = 11.836 | Response = 185398751 | M |
| RT = 12.064 | Response = 277559119 | M |
| RT = 12.451 | Response = 124574461 | M |

Reviewer: vandorenc, 31-Dec-2012 11:09:20

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 3809820948 | 4804864360 | | 0.0315 | 0.0250 | 26.1* | 20.0 |
| gamma-BHC (Lindane) | Ave | 3115561773 | 4149346160 | | 0.0333 | 0.0250 | 33.2* | 20.0 |
| beta-BHC | Ave | 1356797063 | 1721810520 | | 0.0317 | 0.0250 | 26.9* | 20.0 |
| delta-BHC | Ave | 3375911380 | 4299509360 | | 0.0318 | 0.0250 | 27.4* | 20.0 |
| Heptachlor | Ave | 2743824669 | 3128645840 | | 0.0285 | 0.0250 | 14.0 | 20.0 |
| Aldrin | Ave | 3555606031 | 4297478200 | | 0.0302 | 0.0250 | 20.9* | 20.0 |
| Heptachlor epoxide | Ave | 2721274567 | 3617140320 | | 0.0332 | 0.0250 | 32.9* | 20.0 |
| gamma-Chlordane | Ave | 3063197814 | 3928308160 | | 0.0321 | 0.0250 | 28.2* | 20.0 |
| alpha-Chlordane | Ave | 3157953329 | 3977937440 | | 0.0315 | 0.0250 | 26.0* | 20.0 |
| Endosulfan I | Ave | 2558663944 | 3374556080 | | 0.0330 | 0.0250 | 31.9* | 20.0 |
| 4,4'-DDE | Ave | 3306510503 | 3959035400 | | 0.0299 | 0.0250 | 19.7 | 20.0 |
| Dieldrin | Ave | 2654935053 | 3459455600 | | 0.0326 | 0.0250 | 30.3* | 20.0 |
| Endrin | Ave | 2443787478 | 2974501720 | | 0.0304 | 0.0250 | 21.7* | 20.0 |
| 4,4'-DDD | Ave | 1890252848 | 2470715800 | | 0.0327 | 0.0250 | 30.7* | 20.0 |
| Endosulfan II | Ave | 2526594343 | 3173603880 | | 0.0314 | 0.0250 | 25.6* | 20.0 |
| 4,4'-DDT | Ave | 1877093720 | 2221155240 | | 0.0296 | 0.0250 | 18.3 | 20.0 |
| Endrin aldehyde | Ave | 1838690332 | 2096318640 | | 0.0285 | 0.0250 | 14.0 | 20.0 |
| Methoxychlor | Ave | 877879613 | 1069596440 | | 0.0305 | 0.0250 | 21.8* | 20.0 |
| Endosulfan sulfate | Ave | 2238400517 | 2843396640 | | 0.0318 | 0.0250 | 27.0* | 20.0 |
| Endrin ketone | Ave | 2341348883 | 2781050160 | | 0.0297 | 0.0250 | 18.8 | 20.0 |
| Tetrachloro-m-xylene | Ave | 2718867034 | 2920269960 | | 0.0269 | 0.0250 | 7.4 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 2552750546 | 2837595480 | | 0.0278 | 0.0250 | 11.2 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.18 | 4.15 | 4.21 |
| gamma-BHC (Lindane) | 4.56 | 4.53 | 4.59 |
| beta-BHC | 4.69 | 4.66 | 4.72 |
| delta-BHC | 4.90 | 4.87 | 4.93 |
| Heptachlor | 5.18 | 5.15 | 5.22 |
| Aldrin | 5.63 | 5.60 | 5.66 |
| Heptachlor epoxide | 6.86 | 6.83 | 6.89 |
| gamma-Chlordane | 7.16 | 7.13 | 7.19 |
| alpha-Chlordane | 7.52 | 7.49 | 7.55 |
| Endosulfan I | 7.80 | 7.77 | 7.83 |
| 4,4'-DDE | 7.90 | 7.87 | 7.93 |
| Dieldrin | 8.36 | 8.33 | 8.39 |
| Endrin | 8.82 | 8.79 | 8.85 |
| 4,4'-DDD | 9.18 | 9.15 | 9.21 |
| Endosulfan II | 9.27 | 9.24 | 9.30 |
| 4,4'-DDT | 9.71 | 9.68 | 9.74 |
| Endrin aldehyde | 10.07 | 10.04 | 10.10 |
| Methoxychlor | 10.66 | 10.63 | 10.69 |
| Endosulfan sulfate | 10.79 | 10.76 | 10.82 |
| Endrin ketone | 11.19 | 11.16 | 11.22 |
| Tetrachloro-m-xylene | 3.50 | 3.47 | 3.53 |
| DCB Decachlorobiphenyl | 12.80 | 12.77 | 12.83 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 22-Dec-2012 23:44:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-031
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 69893 Lims Sample ID: 31
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:58 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:29:40

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.498 | 0.000 | 73006749 | 0.0269 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 237216695 | 0.0270 | | | |
| | | | | | | RPD = 0.67 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.181 | 0.000 | 120121609 | 0.0315 | | | |
| 2 | 100 | 4.912 | 4.912 | 0.000 | 411747383 | 0.0312 | | | |
| | | | | | | RPD = 0.90 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 103733654 | 0.0333 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 349491865 | 0.0335 | | | |
| | | | | | | RPD = 0.63 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.688 | 0.000 | 43045263 | 0.0317 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 141437206 | 0.0324 | | | |
| | | | | | | RPD = 2.17 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.901 | 0.000 | 107487734 | 0.0318 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 360184676 | 0.0332 | | | |
| | | | | | | RPD = 4.13 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.182 | 0.000 | 78216146 | 0.0285 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 253777868 | 0.0288 | | | |
| | | | | | | RPD = 1.11 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.632 | 5.632 | 0.000 | 107436955 | 0.0302 | | | |
| 2 | 100 | 7.004 | 7.004 | 0.000 | 326027095 | 0.0307 | | | |
| | | | | | | RPD = 1.47 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 90428508 | 0.0332 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 272466364 | 0.0327 | | | |
| | | | | | | RPD = 1.74 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.164 | 0.000 | 98207704 | 0.0321 | | | |
| 2 | 100 | 8.918 | 8.918 | 0.000 | 280698063 | 0.0314 | | | |
| | | | | | | RPD = 1.99 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 99448436 | 0.0315 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 275602485 | 0.0311 | | | |
| | | | | | | RPD = 1.10 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.796 | 7.796 | 0.000 | 84363902 | 0.0330 | | | |
| 2 | 100 | 9.293 | 9.293 | 0.000 | 231310228 | 0.0324 | | | |
| | | | | | | RPD = 1.66 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.896 | 0.000 | 98975885 | 0.0299 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 253725483 | 0.0293 | | | |
| | | | | | | RPD = 1.97 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.360 | 8.360 | 0.000 | 86486390 | 0.0326 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 250482937 | 0.0316 | | | |
| | | | | | | RPD = 3.09 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 74362543 | 0.0304 | | | |
| 2 | 100 | 10.352 | 10.352 | 0.000 | 205493860 | 0.0292 | | | |
| | | | | | | RPD = 4.22 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.182 | 9.182 | 0.000 | 61767895 | 0.0327 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 385019332 | 0.0311 | | | |
| | | | | | | RPD = 5.00 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.267 | 9.267 | 0.000 | 79340097 | 0.0314 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 385019332 | 0.0311 | | | |
| | | | | | | RPD = 1.02 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.705 | 0.000 | 55528881 | 0.0296 | | | |
| 2 | 100 | 11.208 | 11.208 | 0.000 | 138045244 | 0.0296 | | | |
| | | | | | | RPD = 0.02 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 52407966 | 0.0285 | | | |
| 2 | 100 | 11.296 | 11.296 | 0.000 | 142173045 | 0.0271 | | | |
| | | | | | | RPD = 5.15 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 26739911 | 0.0305 | | | |
| 2 | 100 | 12.287 | 12.287 | 0.000 | 67788934 | 0.0293 | | | |
| | | | | | | RPD = 3.74 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.787 | 10.787 | 0.000 | 71084916 | 0.0318 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 197927772 | 0.0311 | | | |
| | | | | | | RPD = 1.93 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.189 | 0.000 | 69526254 | 0.0297 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 178983604 | 0.0286 | | | |
| | | | | | | RPD = 3.69 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.801 | 0.000 | 70939887 | 0.0278 | | | |
| 2 | 100 | 14.245 | 14.245 | 0.000 | 178265917 | 0.0262 | | | |
| | | | | | | RPD = 5.73 | | | |

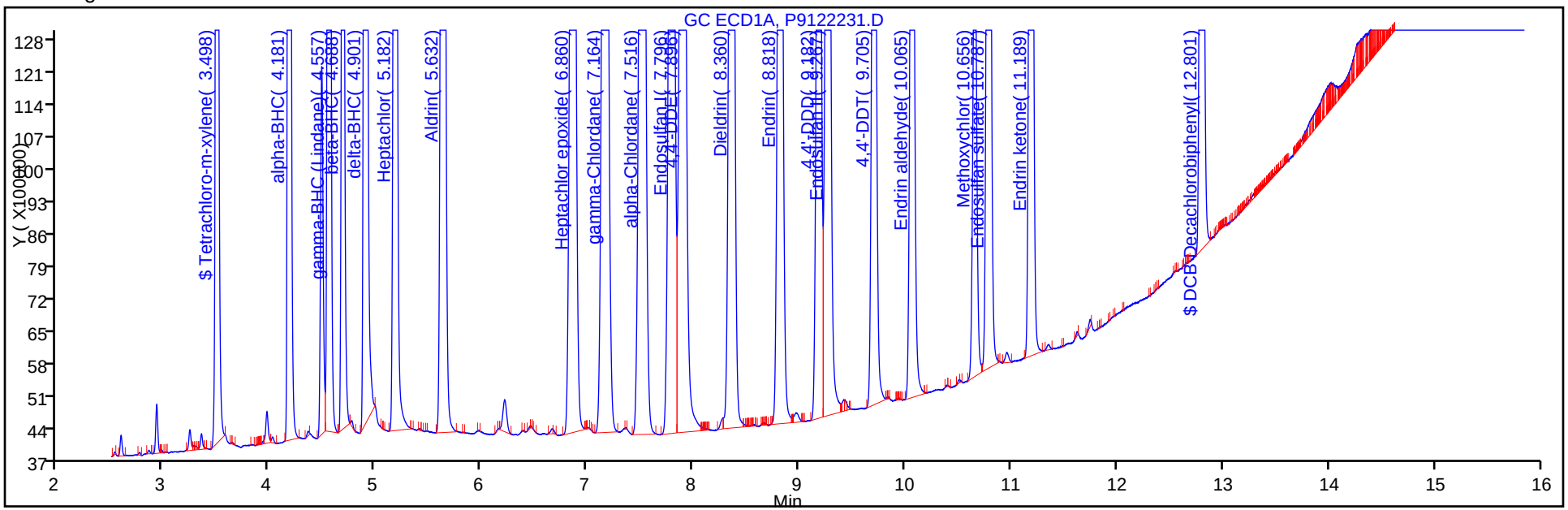
Report Date: 31-Dec-2012 13:52:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

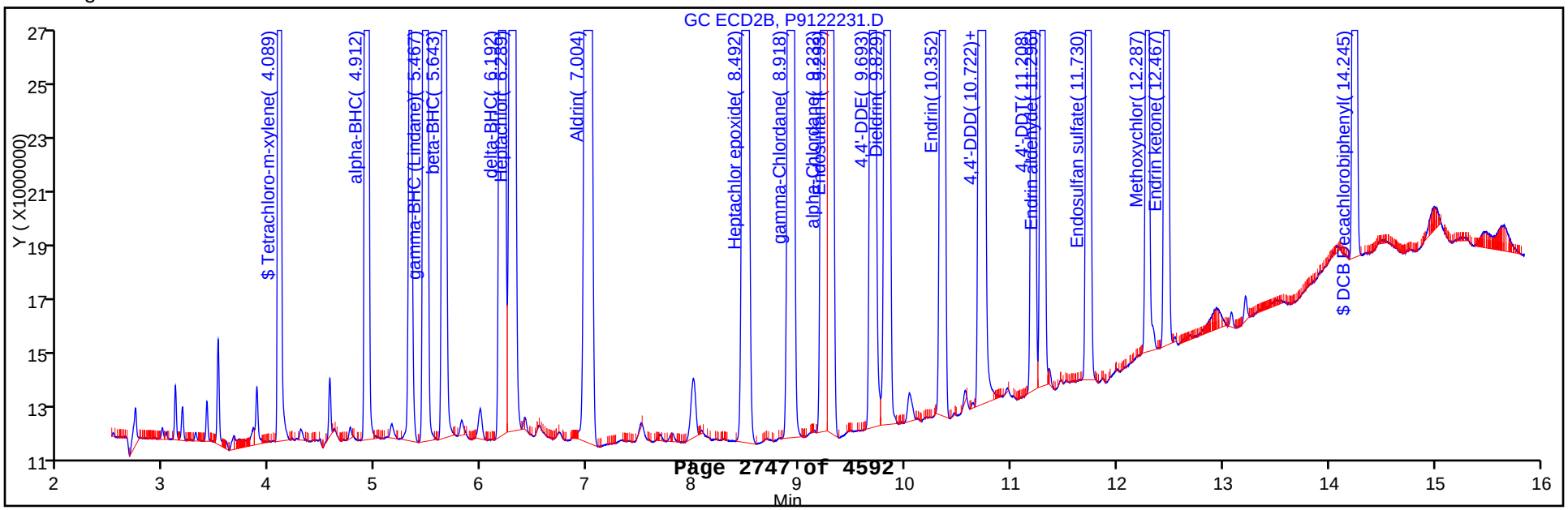
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 23:44:53 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 31 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 13177110828 | 16469895320 | | 0.0312 | 0.0250 | 25.0* | 20.0 |
| gamma-BHC (Lindane) | Ave | 10430817708 | 13979674600 | | 0.0335 | 0.0250 | 34.0* | 20.0 |
| beta-BHC | Ave | 4362472019 | 5657488240 | | 0.0324 | 0.0250 | 29.7* | 20.0 |
| delta-BHC | Ave | 10854717199 | 14407387040 | | 0.0332 | 0.0250 | 32.7* | 20.0 |
| Heptachlor | Ave | 8804394038 | 10151114720 | | 0.0288 | 0.0250 | 15.3 | 20.0 |
| Aldrin | Ave | 10632857867 | 13041083800 | | 0.0307 | 0.0250 | 22.6* | 20.0 |
| Heptachlor epoxide | Ave | 8343678396 | 10898654560 | | 0.0327 | 0.0250 | 30.6* | 20.0 |
| gamma-Chlordane | Ave | 8931440033 | 11227922520 | | 0.0314 | 0.0250 | 25.7* | 20.0 |
| alpha-Chlordane | Ave | 8848756132 | 11024099400 | | 0.0311 | 0.0250 | 24.6* | 20.0 |
| Endosulfan I | Ave | 7133143283 | 9252409120 | | 0.0324 | 0.0250 | 29.7* | 20.0 |
| 4,4'-DDE | Ave | 8644997313 | 10149019320 | | 0.0293 | 0.0250 | 17.4 | 20.0 |
| Dieldrin | Ave | 7930499061 | 10019317480 | | 0.0316 | 0.0250 | 26.3* | 20.0 |
| Endrin | Ave | 7044330525 | 8219754400 | | 0.0292 | 0.0250 | 16.7 | 20.0 |
| 4,4'-DDD | Ave | 12386945794 | 15400773280 | | 0.0311 | 0.0250 | 24.3* | 20.0 |
| Endosulfan II | Ave | 12386945794 | 15400773280 | | 0.0311 | 0.0250 | 24.3* | 20.0 |
| 4,4'-DDT | Ave | 4665523587 | 5521809760 | | 0.0296 | 0.0250 | 18.4 | 20.0 |
| Endrin aldehyde | Ave | 5251792496 | 5686921800 | | 0.0271 | 0.0250 | 8.3 | 20.0 |
| Endosulfan sulfate | Ave | 6354273613 | 7917110880 | | 0.0311 | 0.0250 | 24.6* | 20.0 |
| Methoxychlor | Ave | 2310305654 | 2711557360 | | 0.0293 | 0.0250 | 17.4 | 20.0 |
| Endrin ketone | Ave | 6253762508 | 7159344160 | | 0.0286 | 0.0250 | 14.5 | 20.0 |
| Tetrachloro-m-xylene | Ave | 8775463387 | 9488667800 | | 0.0270 | 0.0250 | 8.1 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 6793039666 | 7130636680 | | 0.0262 | 0.0250 | 5.0 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.91 | 4.88 | 4.94 |
| gamma-BHC (Lindane) | 5.47 | 5.44 | 5.50 |
| beta-BHC | 5.64 | 5.61 | 5.67 |
| delta-BHC | 6.19 | 6.16 | 6.22 |
| Heptachlor | 6.29 | 6.25 | 6.32 |
| Aldrin | 7.00 | 6.97 | 7.03 |
| Heptachlor epoxide | 8.49 | 8.46 | 8.52 |
| gamma-Chlordane | 8.92 | 8.89 | 8.95 |
| alpha-Chlordane | 9.23 | 9.20 | 9.26 |
| Endosulfan I | 9.29 | 9.26 | 9.32 |
| 4,4'-DDE | 9.69 | 9.66 | 9.72 |
| Dieldrin | 9.83 | 9.80 | 9.86 |
| Endrin | 10.35 | 10.32 | 10.38 |
| 4,4'-DDD | 10.72 | 10.69 | 10.75 |
| Endosulfan II | 10.72 | 10.69 | 10.75 |
| 4,4'-DDT | 11.21 | 11.18 | 11.24 |
| Endrin aldehyde | 11.30 | 11.27 | 11.33 |
| Endosulfan sulfate | 11.73 | 11.70 | 11.76 |
| Methoxychlor | 12.29 | 12.26 | 12.32 |
| Endrin ketone | 12.47 | 12.44 | 12.50 |
| Tetrachloro-m-xylene | 4.09 | 4.06 | 4.12 |
| DCB Decachlorobiphenyl | 14.25 | 14.22 | 14.28 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 22-Dec-2012 23:44:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-031
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 69893 Lims Sample ID: 31
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:58 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:29:40

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.498 | 0.000 | 73006749 | 0.0269 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 237216695 | 0.0270 | | | |
| | | | | | | RPD = 0.67 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.181 | 0.000 | 120121609 | 0.0315 | | | |
| 2 | 100 | 4.912 | 4.912 | 0.000 | 411747383 | 0.0312 | | | |
| | | | | | | RPD = 0.90 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 103733654 | 0.0333 | | | |
| 2 | 100 | 5.467 | 5.467 | 0.000 | 349491865 | 0.0335 | | | |
| | | | | | | RPD = 0.63 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.688 | 0.000 | 43045263 | 0.0317 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 141437206 | 0.0324 | | | |
| | | | | | | RPD = 2.17 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.901 | 0.000 | 107487734 | 0.0318 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 360184676 | 0.0332 | | | |
| | | | | | | RPD = 4.13 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.182 | 0.000 | 78216146 | 0.0285 | | | |
| 2 | 100 | 6.289 | 6.289 | 0.000 | 253777868 | 0.0288 | | | |
| | | | | | | RPD = 1.11 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.632 | 5.632 | 0.000 | 107436955 | 0.0302 | | | |
| 2 | 100 | 7.004 | 7.004 | 0.000 | 326027095 | 0.0307 | | | |
| | | | | | | RPD = 1.47 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 90428508 | 0.0332 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 272466364 | 0.0327 | | | |
| | | | | | | RPD = 1.74 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.164 | 7.164 | 0.000 | 98207704 | 0.0321 | | | |
| 2 | 100 | 8.918 | 8.918 | 0.000 | 280698063 | 0.0314 | | | |
| | | | | | | RPD = 1.99 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 99448436 | 0.0315 | | | |
| 2 | 100 | 9.232 | 9.232 | 0.000 | 275602485 | 0.0311 | | | |
| | | | | | | RPD = 1.10 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.796 | 7.796 | 0.000 | 84363902 | 0.0330 | | | |
| 2 | 100 | 9.293 | 9.293 | 0.000 | 231310228 | 0.0324 | | | |
| | | | | | | RPD = 1.66 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.896 | 7.896 | 0.000 | 98975885 | 0.0299 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 253725483 | 0.0293 | | | |
| | | | | | | RPD = 1.97 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.360 | 8.360 | 0.000 | 86486390 | 0.0326 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 250482937 | 0.0316 | | | |
| | | | | | | RPD = 3.09 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 74362543 | 0.0304 | | | |
| 2 | 100 | 10.352 | 10.352 | 0.000 | 205493860 | 0.0292 | | | |
| | | | | | | RPD = 4.22 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.182 | 9.182 | 0.000 | 61767895 | 0.0327 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 385019332 | 0.0311 | | | |
| | | | | | | RPD = 5.00 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.267 | 9.267 | 0.000 | 79340097 | 0.0314 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 385019332 | 0.0311 | | | |
| | | | | | | RPD = 1.02 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.705 | 0.000 | 55528881 | 0.0296 | | | |
| 2 | 100 | 11.208 | 11.208 | 0.000 | 138045244 | 0.0296 | | | |
| | | | | | | RPD = 0.02 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 52407966 | 0.0285 | | | |
| 2 | 100 | 11.296 | 11.296 | 0.000 | 142173045 | 0.0271 | | | |
| | | | | | | RPD = 5.15 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 26739911 | 0.0305 | | | |
| 2 | 100 | 12.287 | 12.287 | 0.000 | 67788934 | 0.0293 | | | |
| | | | | | | RPD = 3.74 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.787 | 10.787 | 0.000 | 71084916 | 0.0318 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 197927772 | 0.0311 | | | |
| | | | | | | RPD = 1.93 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.189 | 0.000 | 69526254 | 0.0297 | | | |
| 2 | 100 | 12.467 | 12.467 | 0.000 | 178983604 | 0.0286 | | | |
| | | | | | | RPD = 3.69 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.801 | 0.000 | 70939887 | 0.0278 | | | |
| 2 | 100 | 14.245 | 14.245 | 0.000 | 178265917 | 0.0262 | | | |
| | | | | | | RPD = 5.73 | | | |

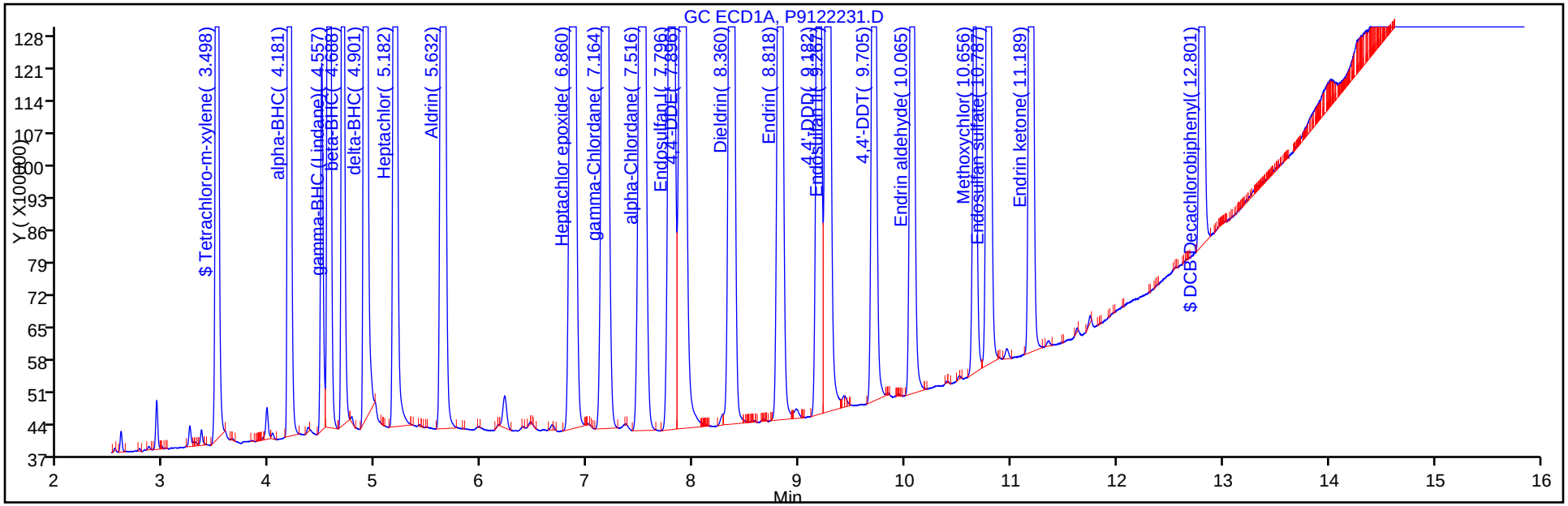
Report Date: 31-Dec-2012 13:52:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

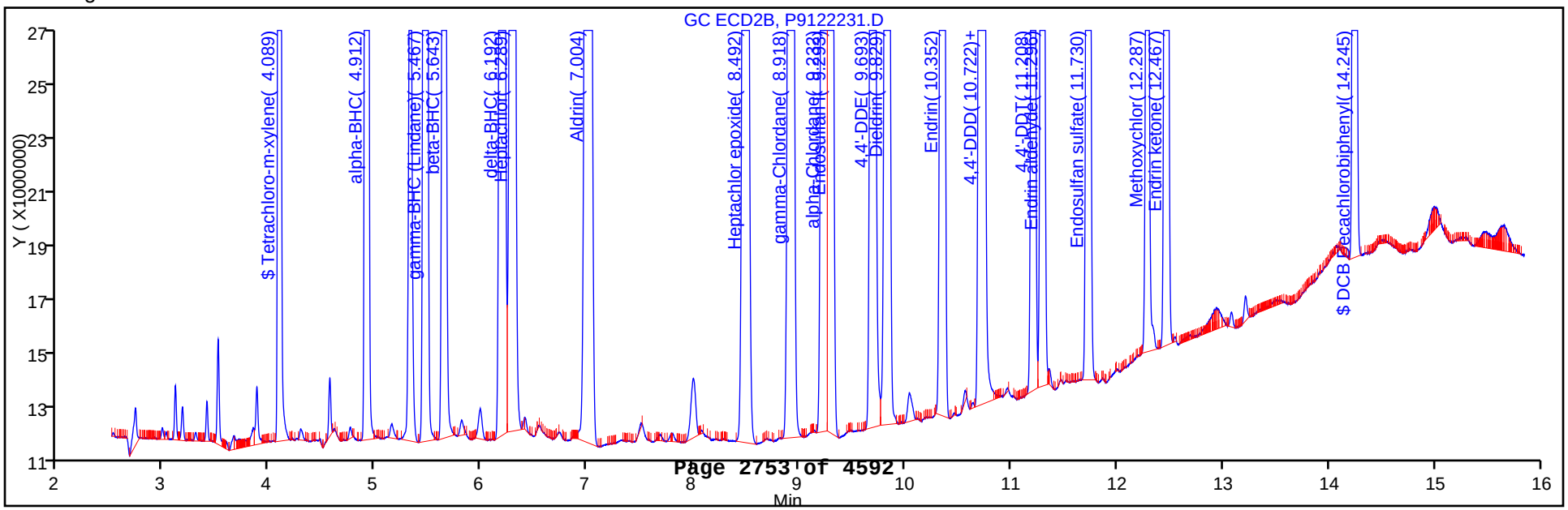
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 23:44:53 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 31 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/42 Calibration Date: 12/23/2012 04:13

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122242.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 3809820948 | 4971196840 | | 0.0326 | 0.0250 | 30.5* | 20.0 |
| gamma-BHC (Lindane) | Ave | 3115561773 | 4263597680 | | 0.0342 | 0.0250 | 36.8* | 20.0 |
| beta-BHC | Ave | 1356797063 | 1770274680 | | 0.0326 | 0.0250 | 30.5* | 20.0 |
| delta-BHC | Ave | 3375911380 | 4398217040 | | 0.0326 | 0.0250 | 30.3* | 20.0 |
| Heptachlor | Ave | 2743824669 | 3426348200 | | 0.0312 | 0.0250 | 24.9* | 20.0 |
| Aldrin | Ave | 3555606031 | 4401984760 | | 0.0310 | 0.0250 | 23.8* | 20.0 |
| Heptachlor epoxide | Ave | 2721274567 | 3676840760 | | 0.0338 | 0.0250 | 35.1* | 20.0 |
| gamma-Chlordane | Ave | 3063197814 | 4038530280 | | 0.0330 | 0.0250 | 31.8* | 20.0 |
| alpha-Chlordane | Ave | 3157953329 | 4108614320 | | 0.0325 | 0.0250 | 30.1* | 20.0 |
| Endosulfan I | Ave | 2558663944 | 3397017680 | | 0.0332 | 0.0250 | 32.8* | 20.0 |
| 4,4'-DDE | Ave | 3306510503 | 4092463200 | | 0.0309 | 0.0250 | 23.8* | 20.0 |
| Dieldrin | Ave | 2654935053 | 3496936120 | | 0.0329 | 0.0250 | 31.7* | 20.0 |
| Endrin | Ave | 2443787478 | 3163438360 | | 0.0324 | 0.0250 | 29.4* | 20.0 |
| 4,4'-DDD | Ave | 1890252848 | 2521432720 | | 0.0333 | 0.0250 | 33.4* | 20.0 |
| Endosulfan II | Ave | 2526594343 | 3217226800 | | 0.0318 | 0.0250 | 27.3* | 20.0 |
| 4,4'-DDT | Ave | 1877093720 | 2470105200 | | 0.0329 | 0.0250 | 31.6* | 20.0 |
| Endrin aldehyde | Ave | 1838690332 | 2342816440 | | 0.0319 | 0.0250 | 27.4* | 20.0 |
| Methoxychlor | Ave | 877879613 | 1191198960 | | 0.0339 | 0.0250 | 35.7* | 20.0 |
| Endosulfan sulfate | Ave | 2238400517 | 2983953800 | | 0.0333 | 0.0250 | 33.3* | 20.0 |
| Endrin ketone | Ave | 2341348883 | 2955613840 | | 0.0316 | 0.0250 | 26.2* | 20.0 |
| Tetrachloro-m-xylene | Ave | 2718867034 | 3058017840 | | 0.0281 | 0.0250 | 12.5 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 2552750546 | 3059558240 | | 0.0300 | 0.0250 | 19.9 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/42 Calibration Date: 12/23/2012 04:13

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122242.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.18 | 4.15 | 4.21 |
| gamma-BHC (Lindane) | 4.56 | 4.53 | 4.59 |
| beta-BHC | 4.69 | 4.66 | 4.72 |
| delta-BHC | 4.90 | 4.87 | 4.93 |
| Heptachlor | 5.18 | 5.15 | 5.22 |
| Aldrin | 5.63 | 5.60 | 5.66 |
| Heptachlor epoxide | 6.86 | 6.83 | 6.89 |
| gamma-Chlordane | 7.17 | 7.14 | 7.20 |
| alpha-Chlordane | 7.52 | 7.49 | 7.55 |
| Endosulfan I | 7.79 | 7.76 | 7.82 |
| 4,4'-DDE | 7.90 | 7.87 | 7.93 |
| Dieldrin | 8.36 | 8.33 | 8.39 |
| Endrin | 8.82 | 8.79 | 8.85 |
| 4,4'-DDD | 9.18 | 9.15 | 9.21 |
| Endosulfan II | 9.27 | 9.24 | 9.30 |
| 4,4'-DDT | 9.71 | 9.68 | 9.74 |
| Endrin aldehyde | 10.07 | 10.04 | 10.10 |
| Methoxychlor | 10.66 | 10.63 | 10.69 |
| Endosulfan sulfate | 10.79 | 10.76 | 10.82 |
| Endrin ketone | 11.19 | 11.16 | 11.22 |
| Tetrachloro-m-xylene | 3.50 | 3.47 | 3.53 |
| DCB Decachlorobiphenyl | 12.80 | 12.77 | 12.83 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122242.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 23-Dec-2012 04:13:52 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-042
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 69893 Lims Sample ID: 42
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:53:03 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 76450446 | 0.0281 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 252976383 | 0.0288 | | | |
| | | | | | | RPD = 2.49 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.181 | 0.000 | 124279921 | 0.0326 | | | |
| 2 | 100 | 4.914 | 4.914 | 0.000 | 431387284 | 0.0327 | | | |
| | | | | | | RPD = 0.36 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.556 | 0.000 | 106589942 | 0.0342 | | | |
| 2 | 100 | 5.468 | 5.468 | 0.000 | 365059880 | 0.0350 | | | |
| | | | | | | RPD = 2.27 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.688 | 0.000 | 44256867 | 0.0326 | | | |
| 2 | 100 | 5.645 | 5.645 | 0.000 | 146890872 | 0.0337 | | | |
| | | | | | | RPD = 3.18 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 109955426 | 0.0326 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 371776095 | 0.0343 | | | |
| | | | | | | RPD = 5.03 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 85658705 | 0.0312 | | | |
| 2 | 100 | 6.291 | 6.291 | 0.000 | 283593881 | 0.0322 | | | |
| | | | | | | RPD = 3.13 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 110049619 | 0.0310 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 338304482 | 0.0318 | | | |
| | | | | | | RPD = 2.76 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 91921019 | 0.0338 | | | |
| 2 | 100 | 8.491 | 8.491 | 0.000 | 283430536 | 0.0340 | | | |
| | | | | | | RPD = 0.56 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.165 | 7.165 | 0.000 | 100963257 | 0.0330 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 295960337 | 0.0331 | | | |
| | | | | | | RPD = 0.54 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 102715358 | 0.0325 | | | |
| 2 | 100 | 9.231 | 9.231 | 0.000 | 291717285 | 0.0330 | | | |
| | | | | | | RPD = 1.35 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.793 | 0.000 | 84925442 | 0.0332 | | | |
| 2 | 100 | 9.292 | 9.292 | 0.000 | 241399901 | 0.0338 | | | |
| | | | | | | RPD = 1.94 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.897 | 7.897 | 0.000 | 102311580 | 0.0309 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 268280596 | 0.0310 | | | |
| | | | | | | RPD = 0.29 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.358 | 8.358 | 0.000 | 87423403 | 0.0329 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 262847481 | 0.0331 | | | |
| | | | | | | RPD = 0.65 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.819 | 8.819 | 0.000 | 79085959 | 0.0324 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 230774668 | 0.0328 | | | |
| | | | | | | RPD = 1.22 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.183 | 9.183 | 0.000 | 63035818 | 0.0333 | | | |
| 2 | 100 | 10.721 | 10.721 | 0.000 | 412702693 | 0.0333 | | | |
| | | | | | | RPD = 0.09 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 80430670 | 0.0318 | | | |
| 2 | 100 | 10.721 | 10.721 | 0.000 | 412702693 | 0.0333 | | | |
| | | | | | | RPD = 4.56 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.705 | 0.000 | 61752630 | 0.0329 | | | |
| 2 | 100 | 11.208 | 11.208 | 0.000 | 160971885 | 0.0345 | | | |
| | | | | | | RPD = 4.76 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 58570411 | 0.0319 | | | |
| 2 | 100 | 11.296 | 11.296 | 0.000 | 167407778 | 0.0319 | | | |
| | | | | | | RPD = 0.07 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 29779974 | 0.0339 | | | |
| 2 | 100 | 12.287 | 12.287 | 0.000 | 75377300 | 0.0326 | | | |
| | | | | | | RPD = 3.90 | | | |

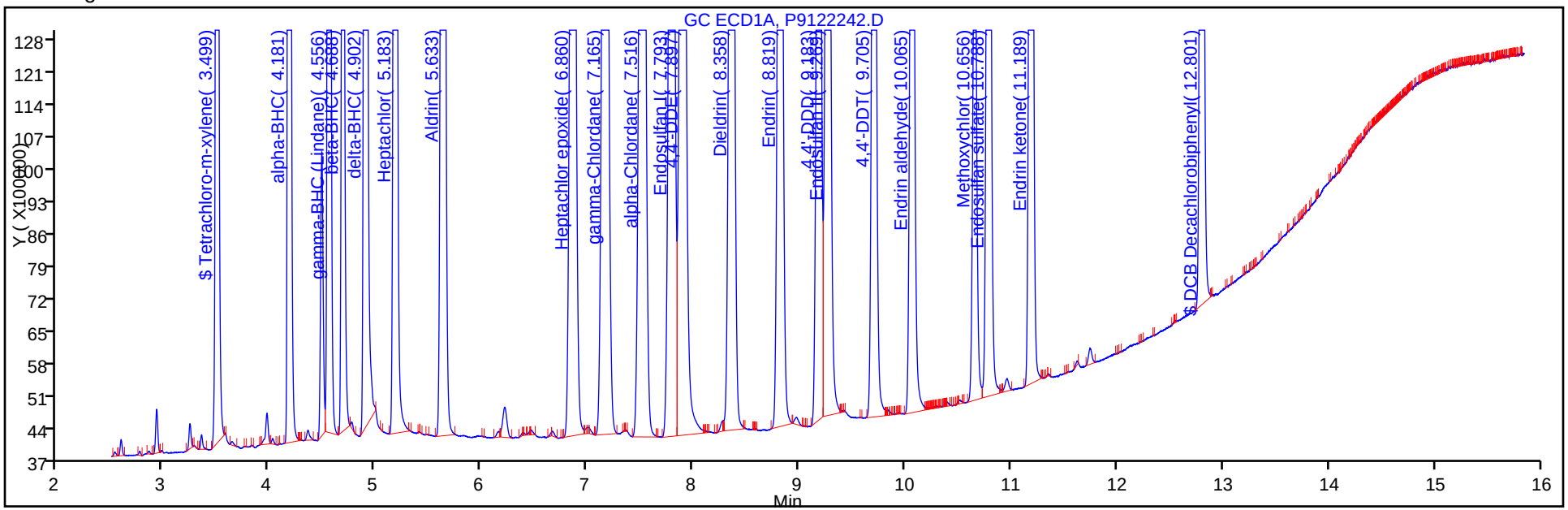
| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.788 | 0.000 | 74598845 | 0.0333 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 213570691 | 0.0336 | | | |
| | | | | | | RPD = 0.85 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.189 | 0.000 | 73890346 | 0.0316 | | | |
| 2 | 100 | 12.466 | 12.466 | 0.000 | 202310208 | 0.0324 | | | |
| | | | | | | RPD = 2.48 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.801 | 0.000 | 76488956 | 0.0300 | | | |
| 2 | 100 | 14.246 | 14.246 | 0.000 | 200948481 | 0.0296 | | | |
| | | | | | | RPD = 1.28 | | | |

Report Date: 31-Dec-2012 13:53:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

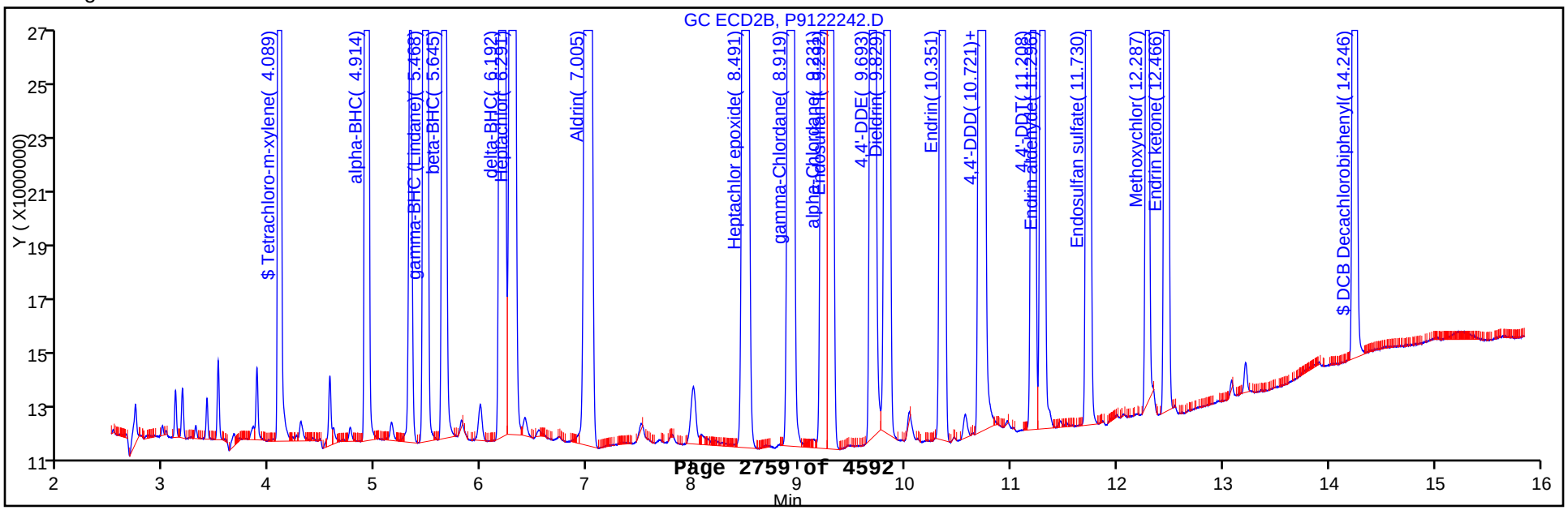
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122242.D | | |
| Injection Date: | 23-Dec-2012 04:13:52 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 42 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/42 Calibration Date: 12/23/2012 04:13

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122242.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 13177110828 | 17255491360 | | 0.0327 | 0.0250 | 31.0* | 20.0 |
| gamma-BHC (Lindane) | Ave | 10430817708 | 14602395200 | | 0.0350 | 0.0250 | 40.0* | 20.0 |
| beta-BHC | Ave | 4362472019 | 5875634880 | | 0.0337 | 0.0250 | 34.7* | 20.0 |
| delta-BHC | Ave | 10854717199 | 14871043800 | | 0.0343 | 0.0250 | 37.0* | 20.0 |
| Heptachlor | Ave | 8804394038 | 11343755240 | | 0.0322 | 0.0250 | 28.8* | 20.0 |
| Aldrin | Ave | 10632857867 | 13532179280 | | 0.0318 | 0.0250 | 27.3* | 20.0 |
| Heptachlor epoxide | Ave | 8343678396 | 11337221440 | | 0.0340 | 0.0250 | 35.9* | 20.0 |
| gamma-Chlordane | Ave | 8931440033 | 11838413480 | | 0.0331 | 0.0250 | 32.5* | 20.0 |
| alpha-Chlordane | Ave | 8848756132 | 11668691400 | | 0.0330 | 0.0250 | 31.9* | 20.0 |
| Endosulfan I | Ave | 7133143283 | 9655996040 | | 0.0338 | 0.0250 | 35.4* | 20.0 |
| 4,4'-DDE | Ave | 8644997313 | 10731223840 | | 0.0310 | 0.0250 | 24.1* | 20.0 |
| Dieldrin | Ave | 7930499061 | 10513899240 | | 0.0331 | 0.0250 | 32.6* | 20.0 |
| Endrin | Ave | 7044330525 | 9230986720 | | 0.0328 | 0.0250 | 31.0* | 20.0 |
| 4,4'-DDD | Ave | 12386945794 | 16508107720 | | 0.0333 | 0.0250 | 33.3* | 20.0 |
| Endosulfan II | Ave | 12386945794 | 16508107720 | | 0.0333 | 0.0250 | 33.3* | 20.0 |
| 4,4'-DDT | Ave | 4665523587 | 6438875400 | | 0.0345 | 0.0250 | 38.0* | 20.0 |
| Endrin aldehyde | Ave | 5251792496 | 6696311120 | | 0.0319 | 0.0250 | 27.5* | 20.0 |
| Endosulfan sulfate | Ave | 6354273613 | 8542827640 | | 0.0336 | 0.0250 | 34.4* | 20.0 |
| Methoxychlor | Ave | 2310305654 | 3015092000 | | 0.0326 | 0.0250 | 30.5* | 20.0 |
| Endrin ketone | Ave | 6253762508 | 8092408320 | | 0.0324 | 0.0250 | 29.4* | 20.0 |
| Tetrachloro-m-xylene | Ave | 8775463387 | 10119055320 | | 0.0288 | 0.0250 | 15.3 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 6793039666 | 8037939240 | | 0.0296 | 0.0250 | 18.3 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/42 Calibration Date: 12/23/2012 04:13

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122242.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 4.91 | 4.88 | 4.94 |
| gamma-BHC (Lindane) | 5.47 | 5.44 | 5.50 |
| beta-BHC | 5.65 | 5.62 | 5.68 |
| delta-BHC | 6.19 | 6.16 | 6.22 |
| Heptachlor | 6.29 | 6.26 | 6.33 |
| Aldrin | 7.01 | 6.98 | 7.04 |
| Heptachlor epoxide | 8.49 | 8.46 | 8.52 |
| gamma-Chlordane | 8.92 | 8.89 | 8.95 |
| alpha-Chlordane | 9.23 | 9.20 | 9.26 |
| Endosulfan I | 9.29 | 9.26 | 9.32 |
| 4,4'-DDE | 9.69 | 9.66 | 9.72 |
| Dieldrin | 9.83 | 9.80 | 9.86 |
| Endrin | 10.35 | 10.32 | 10.38 |
| 4,4'-DDD | 10.72 | 10.69 | 10.75 |
| Endosulfan II | 10.72 | 10.69 | 10.75 |
| 4,4'-DDT | 11.21 | 11.18 | 11.24 |
| Endrin aldehyde | 11.30 | 11.27 | 11.33 |
| Endosulfan sulfate | 11.73 | 11.70 | 11.76 |
| Methoxychlor | 12.29 | 12.26 | 12.32 |
| Endrin ketone | 12.47 | 12.44 | 12.50 |
| Tetrachloro-m-xylene | 4.09 | 4.06 | 4.12 |
| DCB Decachlorobiphenyl | 14.25 | 14.22 | 14.28 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122242.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 23-Dec-2012 04:13:52 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-042
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 69893 Lims Sample ID: 42
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:53:03 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.499 | 0.000 | 76450446 | 0.0281 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 252976383 | 0.0288 | | | |
| | | | | | | RPD = 2.49 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.181 | 4.181 | 0.000 | 124279921 | 0.0326 | | | |
| 2 | 100 | 4.914 | 4.914 | 0.000 | 431387284 | 0.0327 | | | |
| | | | | | | RPD = 0.36 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.556 | 0.000 | 106589942 | 0.0342 | | | |
| 2 | 100 | 5.468 | 5.468 | 0.000 | 365059880 | 0.0350 | | | |
| | | | | | | RPD = 2.27 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.688 | 0.000 | 44256867 | 0.0326 | | | |
| 2 | 100 | 5.645 | 5.645 | 0.000 | 146890872 | 0.0337 | | | |
| | | | | | | RPD = 3.18 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 109955426 | 0.0326 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 371776095 | 0.0343 | | | |
| | | | | | | RPD = 5.03 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 85658705 | 0.0312 | | | |
| 2 | 100 | 6.291 | 6.291 | 0.000 | 283593881 | 0.0322 | | | |
| | | | | | | RPD = 3.13 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.633 | 5.633 | 0.000 | 110049619 | 0.0310 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 338304482 | 0.0318 | | | |
| | | | | | | RPD = 2.76 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 91921019 | 0.0338 | | | |
| 2 | 100 | 8.491 | 8.491 | 0.000 | 283430536 | 0.0340 | | | |
| | | | | | | RPD = 0.56 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.165 | 7.165 | 0.000 | 100963257 | 0.0330 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 295960337 | 0.0331 | | | |
| | | | | | | RPD = 0.54 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.516 | 7.516 | 0.000 | 102715358 | 0.0325 | | | |
| 2 | 100 | 9.231 | 9.231 | 0.000 | 291717285 | 0.0330 | | | |
| | | | | | | RPD = 1.35 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.793 | 0.000 | 84925442 | 0.0332 | | | |
| 2 | 100 | 9.292 | 9.292 | 0.000 | 241399901 | 0.0338 | | | |
| | | | | | | RPD = 1.94 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.897 | 7.897 | 0.000 | 102311580 | 0.0309 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 268280596 | 0.0310 | | | |
| | | | | | | RPD = 0.29 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.358 | 8.358 | 0.000 | 87423403 | 0.0329 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 262847481 | 0.0331 | | | |
| | | | | | | RPD = 0.65 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.819 | 8.819 | 0.000 | 79085959 | 0.0324 | | | |
| 2 | 100 | 10.351 | 10.351 | 0.000 | 230774668 | 0.0328 | | | |
| | | | | | | RPD = 1.22 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.183 | 9.183 | 0.000 | 63035818 | 0.0333 | | | |
| 2 | 100 | 10.721 | 10.721 | 0.000 | 412702693 | 0.0333 | | | |
| | | | | | | RPD = 0.09 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 80430670 | 0.0318 | | | |
| 2 | 100 | 10.721 | 10.721 | 0.000 | 412702693 | 0.0333 | | | |
| | | | | | | RPD = 4.56 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.705 | 9.705 | 0.000 | 61752630 | 0.0329 | | | |
| 2 | 100 | 11.208 | 11.208 | 0.000 | 160971885 | 0.0345 | | | |
| | | | | | | RPD = 4.76 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 58570411 | 0.0319 | | | |
| 2 | 100 | 11.296 | 11.296 | 0.000 | 167407778 | 0.0319 | | | |
| | | | | | | RPD = 0.07 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 29779974 | 0.0339 | | | |
| 2 | 100 | 12.287 | 12.287 | 0.000 | 75377300 | 0.0326 | | | |
| | | | | | | RPD = 3.90 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.788 | 0.000 | 74598845 | 0.0333 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 213570691 | 0.0336 | | | |
| | | | | | | RPD = 0.85 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.189 | 0.000 | 73890346 | 0.0316 | | | |
| 2 | 100 | 12.466 | 12.466 | 0.000 | 202310208 | 0.0324 | | | |
| | | | | | | RPD = 2.48 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.801 | 12.801 | 0.000 | 76488956 | 0.0300 | | | |
| 2 | 100 | 14.246 | 14.246 | 0.000 | 200948481 | 0.0296 | | | |
| | | | | | | RPD = 1.28 | | | |

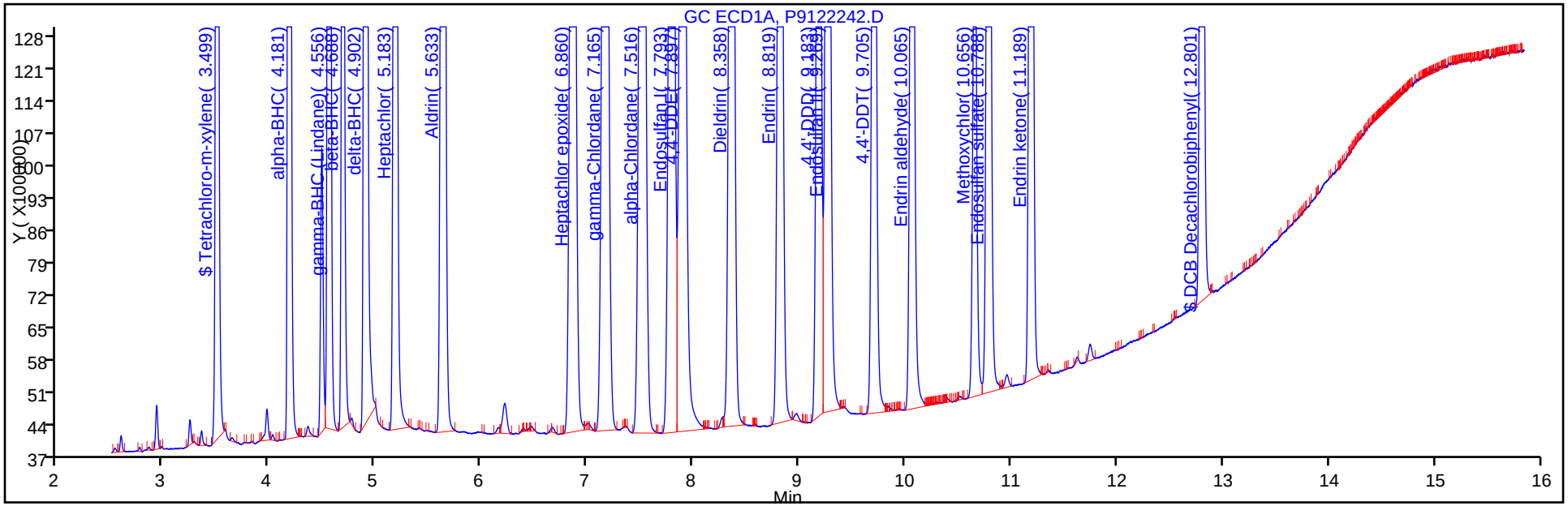
Report Date: 31-Dec-2012 13:53:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

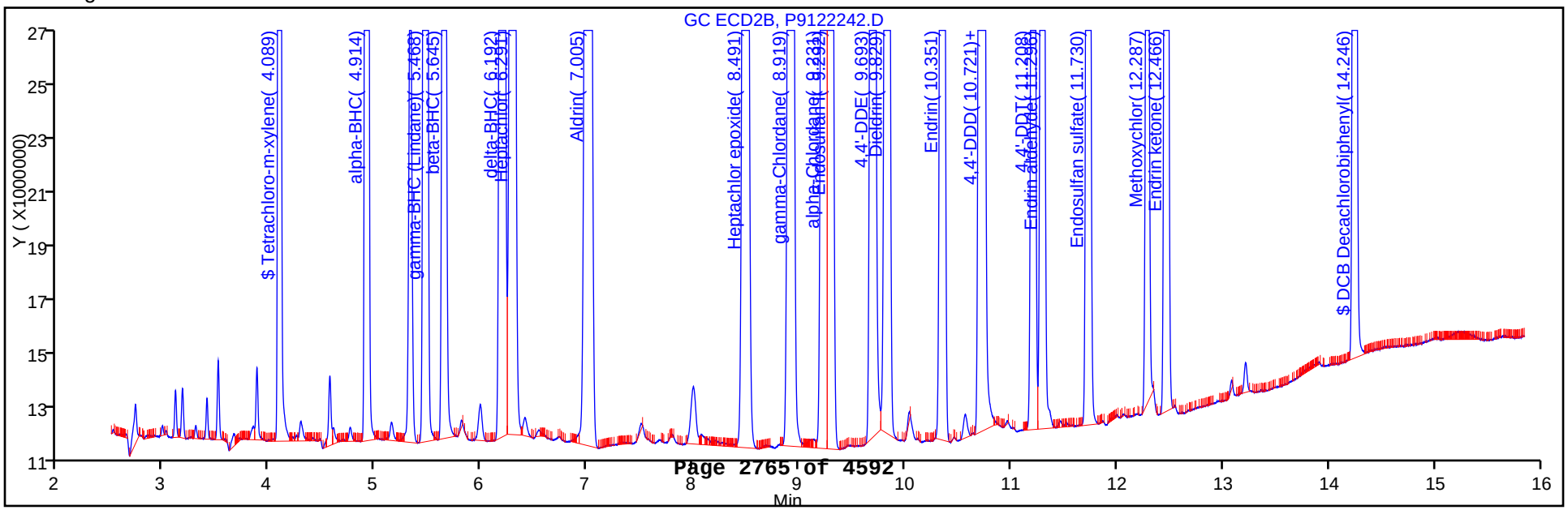
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| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 04:13:52 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 42 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 68992790 | 82807318 | | 1.20 | 1.00 | 20.0 | 20.0 |
| Toxaphene Peak 2 | Ave | 85469637 | 106245166 | | 1.24 | 1.00 | 24.3* | 20.0 |
| Toxaphene Peak 3 | Ave | 73765512 | 83715573 | | 1.13 | 1.00 | 13.5 | 20.0 |
| Toxaphene Peak 4 | Ave | 98743767 | 113148758 | | 1.15 | 1.00 | 14.6 | 20.0 |
| Toxaphene Peak 5 | Ave | 63625849 | 69497788 | | 1.09 | 1.00 | 9.2 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 9.50 | 9.47 | 9.53 |
| Toxaphene Peak 2 | 9.95 | 9.92 | 9.98 |
| Toxaphene Peak 3 | 10.01 | 9.98 | 10.04 |
| Toxaphene Peak 4 | 10.60 | 10.57 | 10.63 |
| Toxaphene Peak 5 | 11.16 | 11.13 | 11.19 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 23-Dec-2012 11:33:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-060
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 60
Lims Batch ID: 69893 Lims Sample ID: 60
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:53:10 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:39:32

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.503 | 9.503 | 0.000 | 82807318 | 1.20 | | 100.0 | M |
| 1 | 2 | 9.947 | 9.947 | 0.000 | 106245166 | 1.24 | 105.5- 145.5 | 128.3 | M |
| 1 | 3 | 10.013 | 10.013 | 0.000 | 83715573 | 1.13 | 90.3- 130.3 | 101.1 | M |
| 1 | 4 | 10.598 | 10.598 | 0.000 | 113148758 | 1.15 | 116.9- 156.9 | 136.6 | M |
| 1 | 5 | 11.164 | 11.164 | 0.000 | 69497788 | 1.09 | 64.5- 104.5 | 83.9 | M |
| | | | Average of Peak Amounts = | | | 1.16 | | | |
| 2 | 100 | 10.886 | 10.886 | 0.000 | 305810455 | 1.15 | | 100.0 | |
| 2 | 2 | 11.434 | 11.434 | 0.000 | 188315390 | 1.13 | 43.7- 83.7 | 61.6 | |
| 2 | 3 | 11.838 | 11.838 | 0.000 | 184766948 | 1.08 | 45.7- 85.7 | 60.4 | |
| 2 | 4 | 12.064 | 12.064 | 0.000 | 283599016 | 1.10 | 80.2- 120.2 | 92.7 | |
| 2 | 5 | 12.452 | 12.452 | 0.000 | 126300518 | 1.03 | 28.1- 68.1 | 41.3 | |
| | | | Average of Peak Amounts = | | | 1.10 | | | |
| | | | | | | RPD = 5.57 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

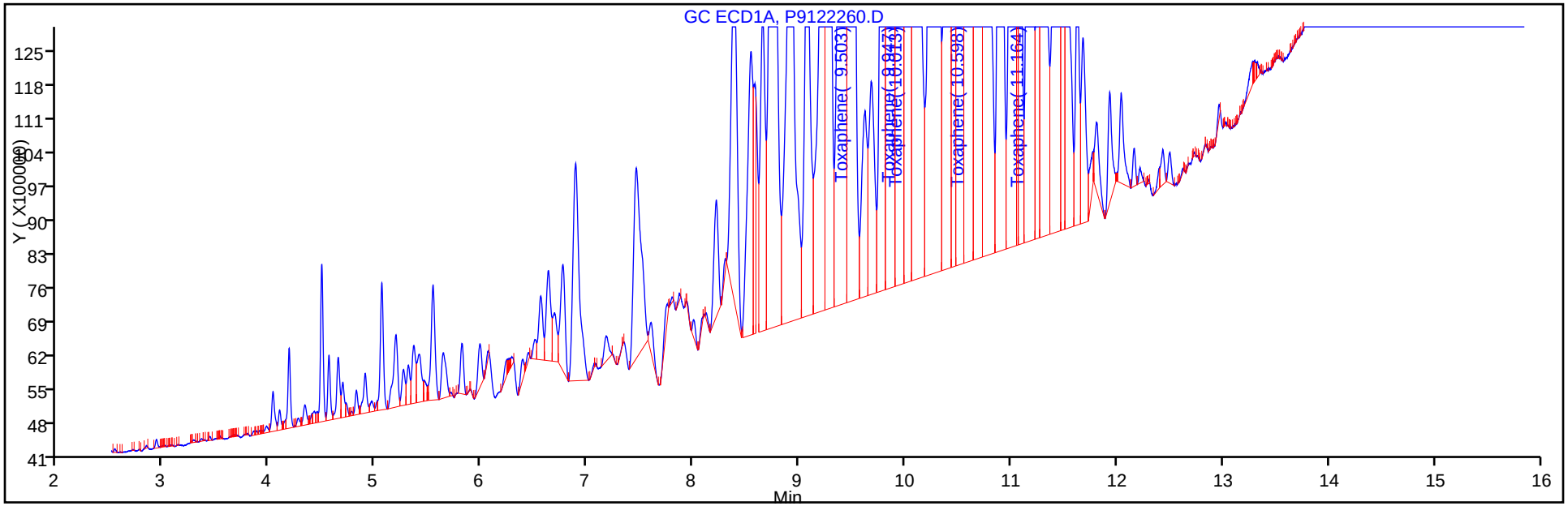
Report Date: 31-Dec-2012 13:53:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

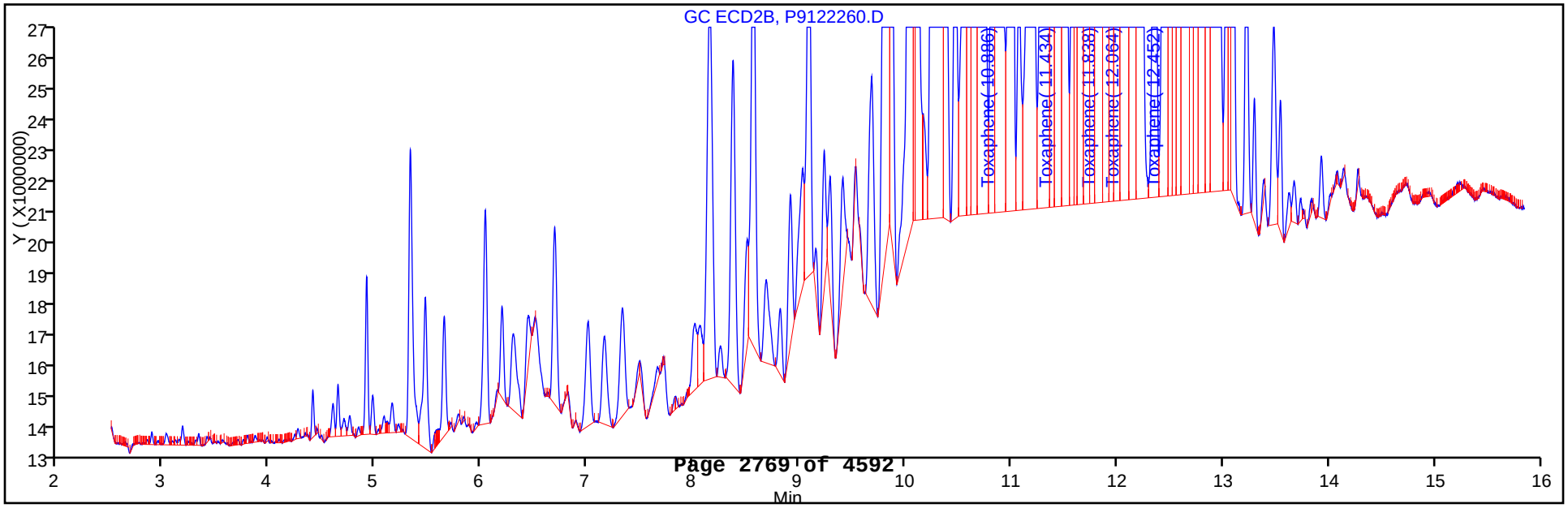
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| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 11:33:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 60 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



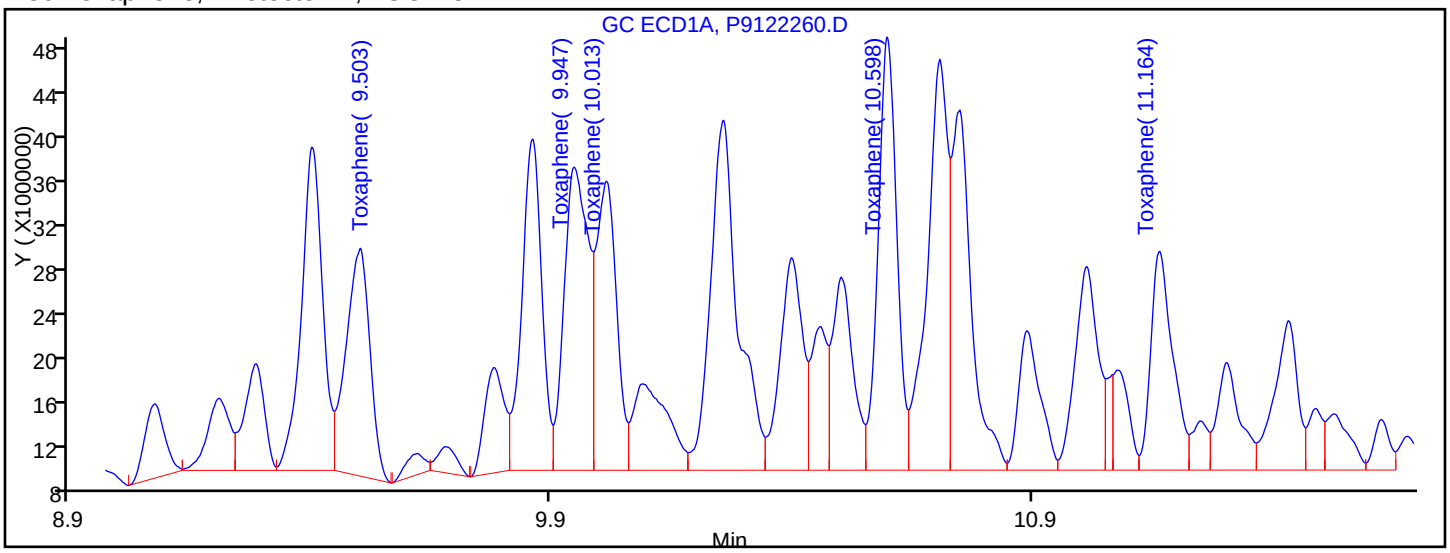
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D

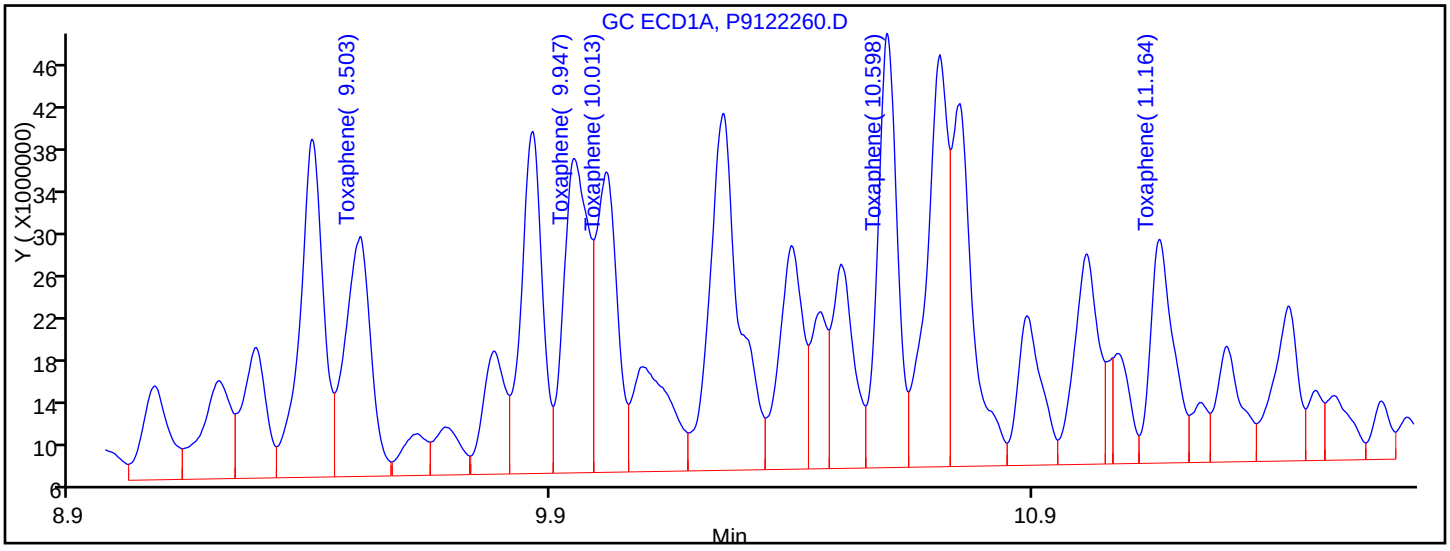
| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 11:33:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 60 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

30 Toxaphene, Detector: 1, GC ECD1A




Processing Integration Results

| | | |
|---|---|---|
| RT = 9.503 | Response = 69538897 | M |
| RT = 9.947 | Response = 95518625 | M |
| RT = 10.013 | Response = 74723727 | M |
| RT = 10.598 | Response = 104324139 | M |
| RT = 11.164 | Response = 61806419 | M |




Manual Integration Results

| | | |
|---|---|---|
| RT = 9.503 | Response = 82807318 | M |
| RT = 9.947 | Response = 106245166 | M |
| RT = 10.013 | Response = 83715573 | M |
| RT = 10.598 | Response = 113148758 | M |
| RT = 11.164 | Response = 69497788 | M |

Reviewer: vandorenc, 31-Dec-2012 13:39:32

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D Conc. Units: ng/uL

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 265485355 | 305810455 | | 1.15 | 1.00 | 15.2 | 20.0 |
| Toxaphene Peak 2 | Ave | 165982849 | 188315390 | | 1.13 | 1.00 | 13.5 | 20.0 |
| Toxaphene Peak 3 | Ave | 171487862 | 184766948 | | 1.08 | 1.00 | 7.7 | 20.0 |
| Toxaphene Peak 4 | Ave | 256795996 | 283599016 | | 1.10 | 1.00 | 10.4 | 20.0 |
| Toxaphene Peak 5 | Ave | 122259762 | 126300518 | | 1.03 | 1.00 | 3.3 | 20.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 10.89 | 10.86 | 10.92 |
| Toxaphene Peak 2 | 11.43 | 11.40 | 11.46 |
| Toxaphene Peak 3 | 11.84 | 11.81 | 11.87 |
| Toxaphene Peak 4 | 12.06 | 12.03 | 12.09 |
| Toxaphene Peak 5 | 12.45 | 12.42 | 12.48 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 23-Dec-2012 11:33:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-060
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 60
Lims Batch ID: 69893 Lims Sample ID: 60
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:53:10 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:39:32

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Toxaphene | | | | | | | | | M |
| 1 | 100 | 9.503 | 9.503 | 0.000 | 82807318 | 1.20 | | 100.0 | M |
| 1 | 2 | 9.947 | 9.947 | 0.000 | 106245166 | 1.24 | 105.5- 145.5 | 128.3 | M |
| 1 | 3 | 10.013 | 10.013 | 0.000 | 83715573 | 1.13 | 90.3- 130.3 | 101.1 | M |
| 1 | 4 | 10.598 | 10.598 | 0.000 | 113148758 | 1.15 | 116.9- 156.9 | 136.6 | M |
| 1 | 5 | 11.164 | 11.164 | 0.000 | 69497788 | 1.09 | 64.5- 104.5 | 83.9 | M |
| | | | Average of Peak Amounts = | | | 1.16 | | | |
| 2 | 100 | 10.886 | 10.886 | 0.000 | 305810455 | 1.15 | | 100.0 | |
| 2 | 2 | 11.434 | 11.434 | 0.000 | 188315390 | 1.13 | 43.7- 83.7 | 61.6 | |
| 2 | 3 | 11.838 | 11.838 | 0.000 | 184766948 | 1.08 | 45.7- 85.7 | 60.4 | |
| 2 | 4 | 12.064 | 12.064 | 0.000 | 283599016 | 1.10 | 80.2- 120.2 | 92.7 | |
| 2 | 5 | 12.452 | 12.452 | 0.000 | 126300518 | 1.03 | 28.1- 68.1 | 41.3 | |
| | | | Average of Peak Amounts = | | | 1.10 | | | |
| | | | | | | RPD = 5.57 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

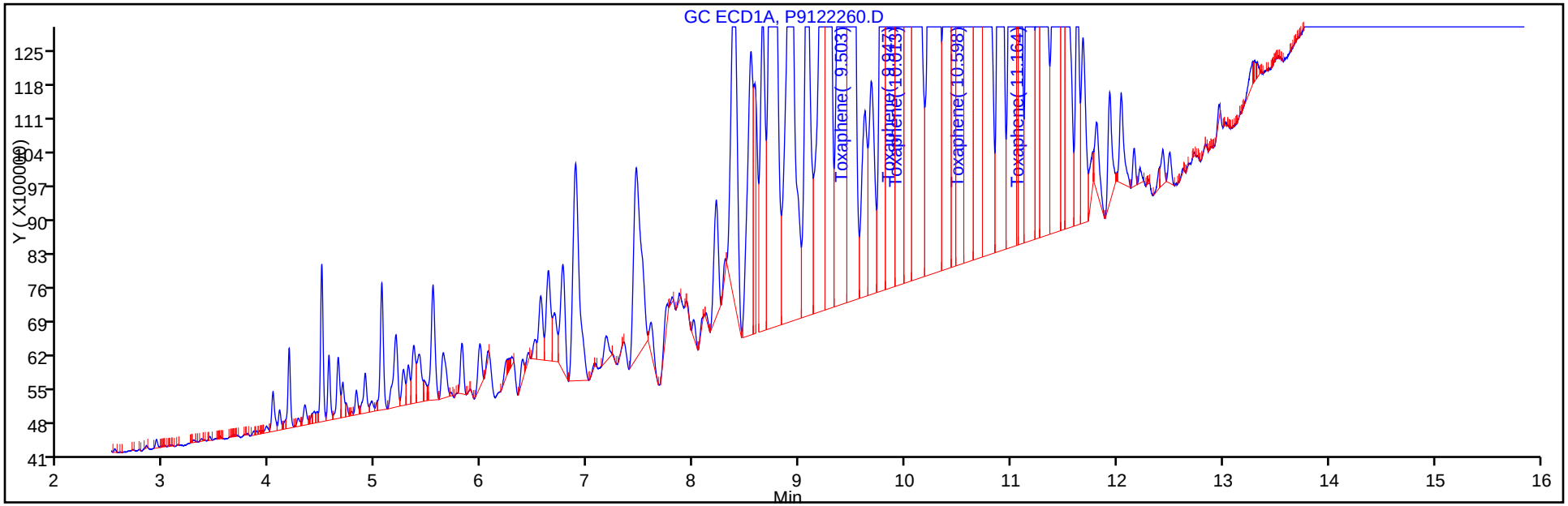
Report Date: 31-Dec-2012 13:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

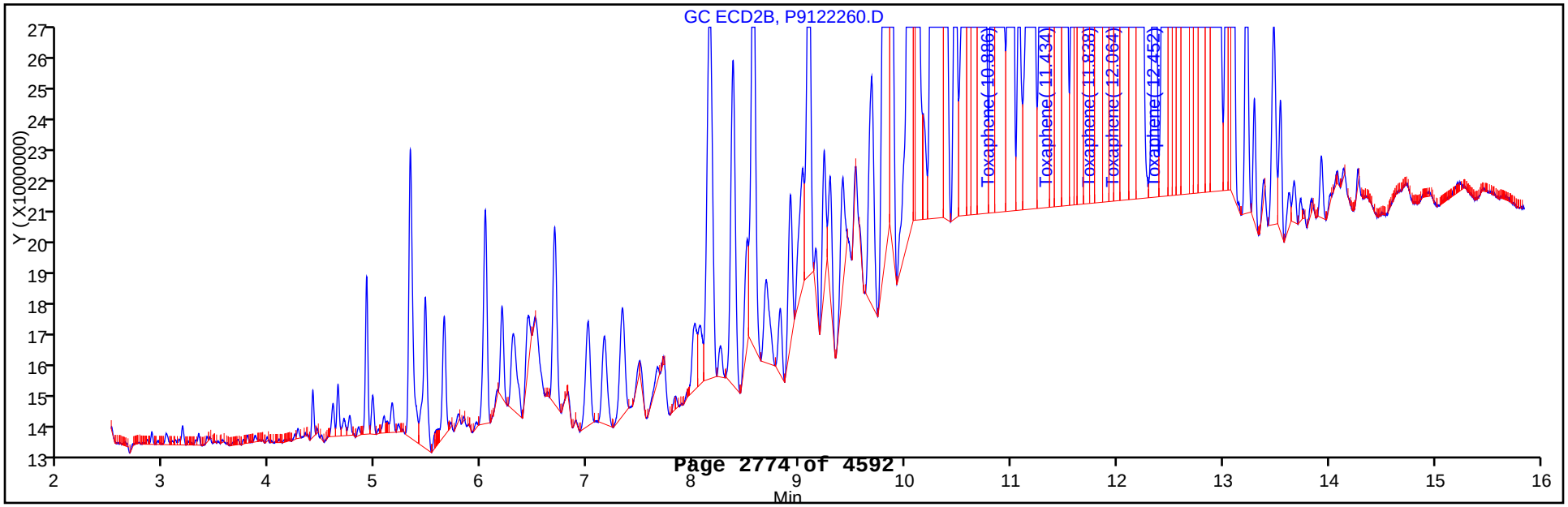
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 11:33:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 60 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68554/4-A

Matrix: Water | Lab File ID: P9121813.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1000(mL) | Date Analyzed: 12/18/2012 14:09

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.010 | U | 0.050 | 0.010 | 0.0096 |
| 72-55-9 | 4,4'-DDE | 0.010 | U | 0.050 | 0.010 | 0.0097 |
| 50-29-3 | 4,4'-DDT | 0.030 | U | 0.050 | 0.030 | 0.016 |
| 309-00-2 | Aldrin | 0.010 | U | 0.050 | 0.010 | 0.0082 |
| 319-84-6 | alpha-BHC | 0.010 | U | 0.050 | 0.010 | 0.0070 |
| 5103-71-9 | alpha-Chlordane | 0.014 | U | 0.050 | 0.014 | 0.014 |
| 319-85-7 | beta-BHC | 0.010 | U | 0.050 | 0.010 | 0.0084 |
| 319-86-8 | delta-BHC | 0.010 | U | 0.050 | 0.010 | 0.0087 |
| 60-57-1 | Dieldrin | 0.010 | U | 0.050 | 0.010 | 0.0075 |
| 959-98-8 | Endosulfan I | 0.013 | U | 0.050 | 0.013 | 0.013 |
| 33213-65-9 | Endosulfan II | 0.012 | U | 0.050 | 0.012 | 0.012 |
| 1031-07-8 | Endosulfan sulfate | 0.011 | U | 0.050 | 0.011 | 0.011 |
| 72-20-8 | Endrin | 0.011 | U | 0.050 | 0.011 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.011 | U | 0.050 | 0.011 | 0.011 |
| 53494-70-5 | Endrin ketone | 0.010 | U | 0.050 | 0.010 | 0.0078 |
| 58-89-9 | gamma-BHC (Lindane) | 0.010 | U | 0.050 | 0.010 | 0.0064 |
| 5103-74-2 | gamma-Chlordane | 0.012 | U | 0.050 | 0.012 | 0.012 |
| 76-44-8 | Heptachlor | 0.010 | U | 0.050 | 0.010 | 0.0080 |
| 1024-57-3 | Heptachlor epoxide | 0.010 | U | 0.050 | 0.010 | 0.0071 |
| 72-43-5 | Methoxychlor | 0.032 | U | 0.10 | 0.032 | 0.032 |
| 8001-35-2 | Toxaphene | 0.50 | U | 2.0 | 0.50 | 0.32 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 77 | | 30-135 |
| 877-09-8 | Tetrachloro-m-xylene | 82 | | 25-140 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D
Lims ID: MB 240-68554/4-A
Client ID:
Inject. Date: 18-Dec-2012 14:09:31
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015955-013
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 13
Lims Batch ID: 69152
Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05
Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc
Date: 19-Dec-2012 12:41:30

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.500 | 0.001 | 84824353 | 0.0327 | | | |
| 2 | 100 | 4.092 | 4.091 | 0.001 | 238203173 | 0.0308 | | | |
| | | | | | | RPD = 5.99 | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.009 | | | | | | |
| 1 | 2 | | 4.188 | | | | | | |
| 2 | 100 | | 4.664 | | | | | | |
| 2 | 2 | | 4.769 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 4.012 | | | | | | |
| 2 | 100 | | 4.758 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.183 | | | | | | |
| 2 | 100 | | 4.917 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.559 | | | | | | |
| 2 | 100 | | 5.472 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.691 | | | | | | |
| 2 | 100 | | 5.649 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.904 | | | | | | |
| 2 | 100 | | 6.198 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.072 | | | | | | |
| 1 | 2 | | 5.927 | | | | | | |
| 1 | 3 | | 7.169 | | | | | | |
| 1 | 4 | | 7.517 | | | | | | |
| 2 | 100 | | 6.001 | | | | | | |
| 2 | 2 | | 7.502 | | | | | | |
| 2 | 3 | | 8.925 | | | | | | |
| 2 | 4 | | 9.240 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.186 | | | | | | |
| 2 | 100 | | 6.296 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.636 | | | | | | |
| 2 | 100 | | 7.012 | | | | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.304 | | | | | | |
| 2 | 100 | | 8.124 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.865 | | | | | | |
| 2 | 100 | | 8.499 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.170 | | | | | | |
| 2 | 100 | | 8.926 | | | | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.520 | | | | | | |
| 2 | 100 | | 9.239 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.800 | | | | | | |
| 2 | 100 | | 9.298 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.902 | | | | | | |
| 2 | 100 | | 9.698 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.366 | | | | | | |
| 2 | 100 | | 9.835 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.824 | | | | | | |
| 2 | 100 | | 10.357 | | | | | | |
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 9.002 | | | | | | |
| 2 | 100 | | 10.667 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.231 | | | | | | |
| 2 | 100 | | 10.524 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.274 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.505 | | | | | | |
| 1 | 2 | | 9.950 | | | | | | |
| 1 | 3 | | 10.016 | | | | | | |
| 1 | 4 | | 10.601 | | | | | | |
| 1 | 5 | | 11.167 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.441 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.708 | | | | | | |
| 2 | 100 | | 11.215 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.068 | | | | | | |
| 2 | 100 | | 11.302 | | | | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.292 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.791 | | | | | | |
| 2 | 100 | | 11.736 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.192 | | | | | | |
| 2 | 100 | | 12.473 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | M |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 73626979 | 0.0308 | | | |
| 2 | 100 | 14.252 | 14.251 | 0.001 | 171313687 | 0.0299 | | | M |
| | | | | | | RPD = 3.15 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

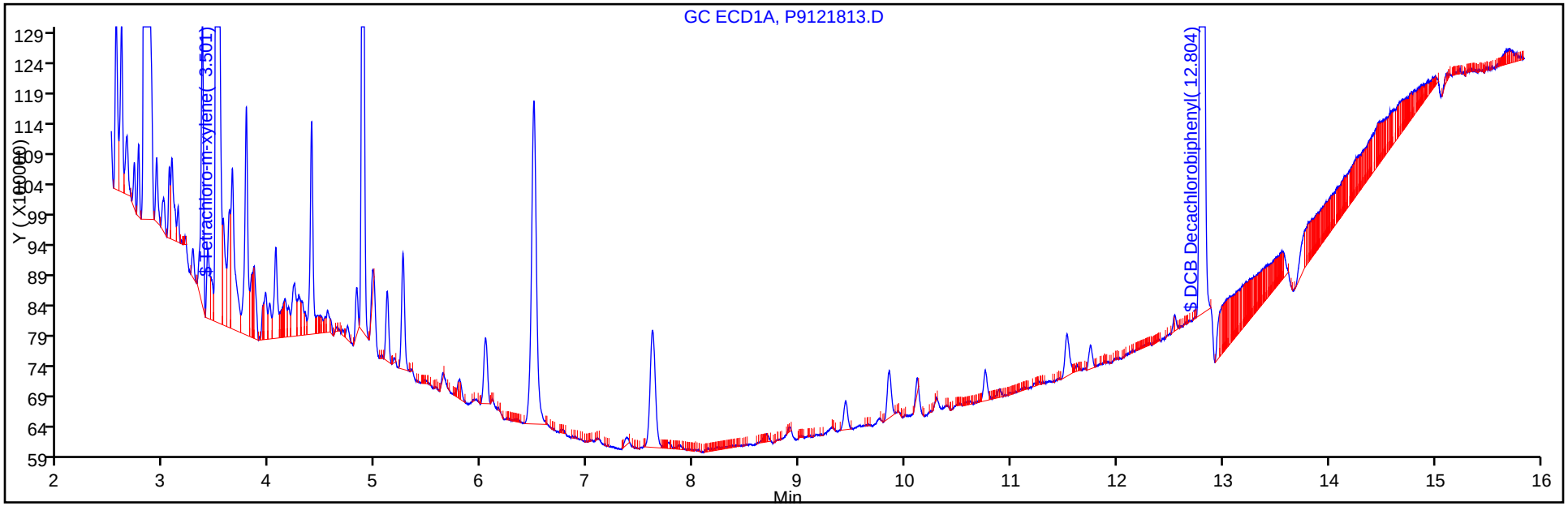
Report Date: 19-Dec-2012 12:50:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

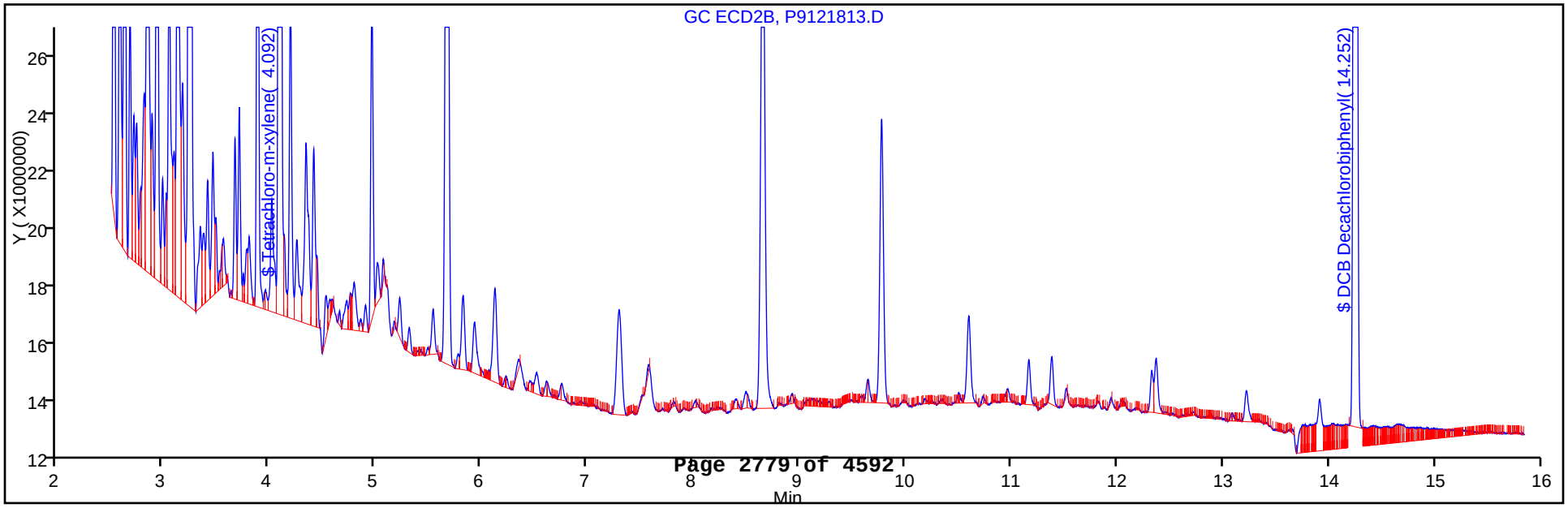
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 14:09:31 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 13 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68554/4-A

Matrix: Water Lab File ID: P9121813.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1000(mL) Date Analyzed: 12/18/2012 14:09

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 75 | *M* | 30-135 |
| 877-09-8 | Tetrachloro-m-xylene | 77 | | 25-140 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D
Lims ID: MB 240-68554/4-A Client ID:
Inject. Date: 18-Dec-2012 14:09:31 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015955-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 69152 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:41:30

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.501 | 3.500 | 0.001 | 84824353 | 0.0327 | | | |
| 2 | 100 | 4.092 | 4.091 | 0.001 | 238203173 | 0.0308 | | | |
| | | | | | | RPD = 5.99 | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.009 | | | | | | |
| 1 | 2 | | 4.188 | | | | | | |
| 2 | 100 | | 4.664 | | | | | | |
| 2 | 2 | | 4.769 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 4.012 | | | | | | |
| 2 | 100 | | 4.758 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.183 | | | | | | |
| 2 | 100 | | 4.917 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.559 | | | | | | |
| 2 | 100 | | 5.472 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.691 | | | | | | |
| 2 | 100 | | 5.649 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.904 | | | | | | |
| 2 | 100 | | 6.198 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.072 | | | | | | |
| 1 | 2 | | 5.927 | | | | | | |
| 1 | 3 | | 7.169 | | | | | | |
| 1 | 4 | | 7.517 | | | | | | |
| 2 | 100 | | 6.001 | | | | | | |
| 2 | 2 | | 7.502 | | | | | | |
| 2 | 3 | | 8.925 | | | | | | |
| 2 | 4 | | 9.240 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.186 | | | | | | |
| 2 | 100 | | 6.296 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.636 | | | | | | |
| 2 | 100 | | 7.012 | | | | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.304 | | | | | | |
| 2 | 100 | | 8.124 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.865 | | | | | | |
| 2 | 100 | | 8.499 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.170 | | | | | | |
| 2 | 100 | | 8.926 | | | | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.520 | | | | | | |
| 2 | 100 | | 9.239 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.800 | | | | | | |
| 2 | 100 | | 9.298 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.902 | | | | | | |
| 2 | 100 | | 9.698 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.366 | | | | | | |
| 2 | 100 | | 9.835 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.824 | | | | | | |
| 2 | 100 | | 10.357 | | | | | | |
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 9.002 | | | | | | |
| 2 | 100 | | 10.667 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.185 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.231 | | | | | | |
| 2 | 100 | | 10.524 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.274 | | | | | | |
| 2 | 100 | | 10.728 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.505 | | | | | | |
| 1 | 2 | | 9.950 | | | | | | |
| 1 | 3 | | 10.016 | | | | | | |
| 1 | 4 | | 10.601 | | | | | | |
| 1 | 5 | | 11.167 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.441 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.708 | | | | | | |
| 2 | 100 | | 11.215 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.068 | | | | | | |
| 2 | 100 | | 11.302 | | | | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.659 | | | | | | |
| 2 | 100 | | 12.292 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.791 | | | | | | |
| 2 | 100 | | 11.736 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.192 | | | | | | |
| 2 | 100 | | 12.473 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | M |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 73626979 | 0.0308 | | | |
| 2 | 100 | 14.252 | 14.251 | 0.001 | 171313687 | 0.0299 | | | M |
| | | | | | | RPD = 3.15 | | | |

QC Flag Legend

Review Flags
M - Manually Integrated

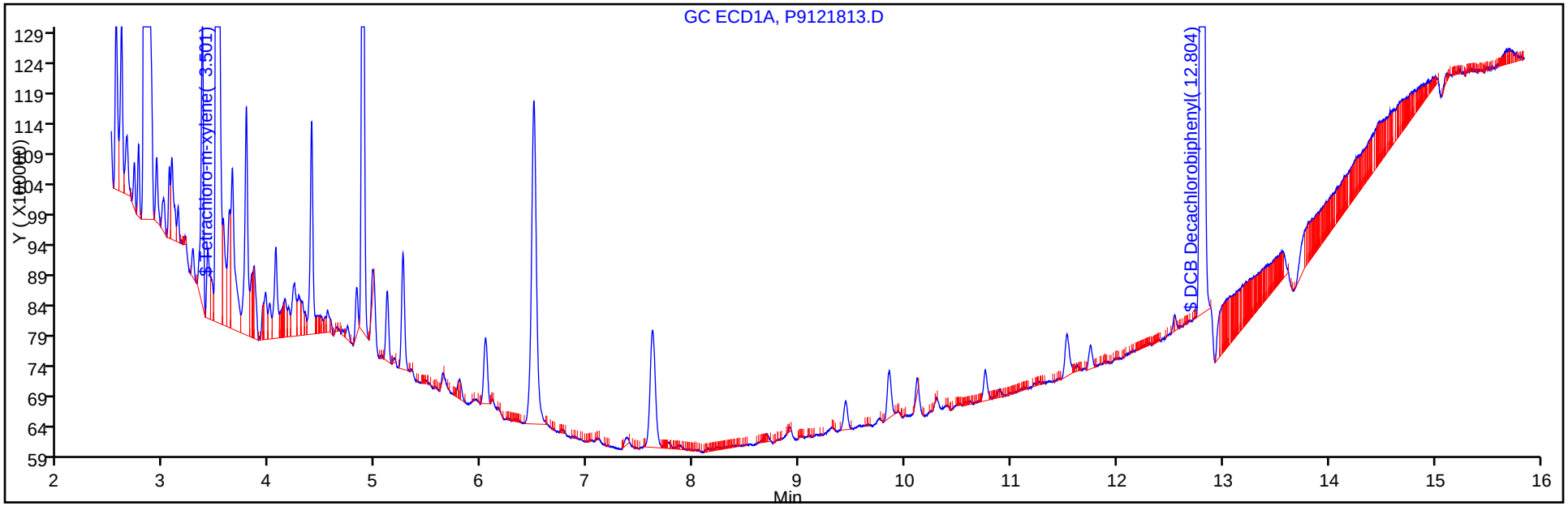
Report Date: 19-Dec-2012 12:50:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

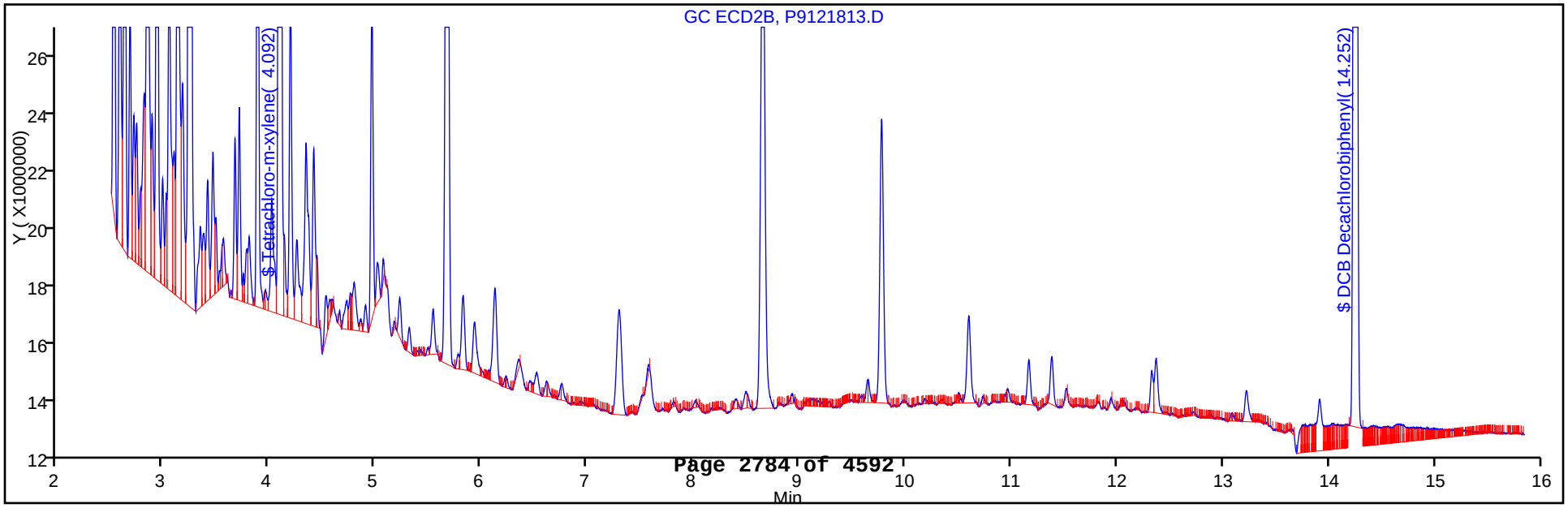
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 14:09:31 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 13 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

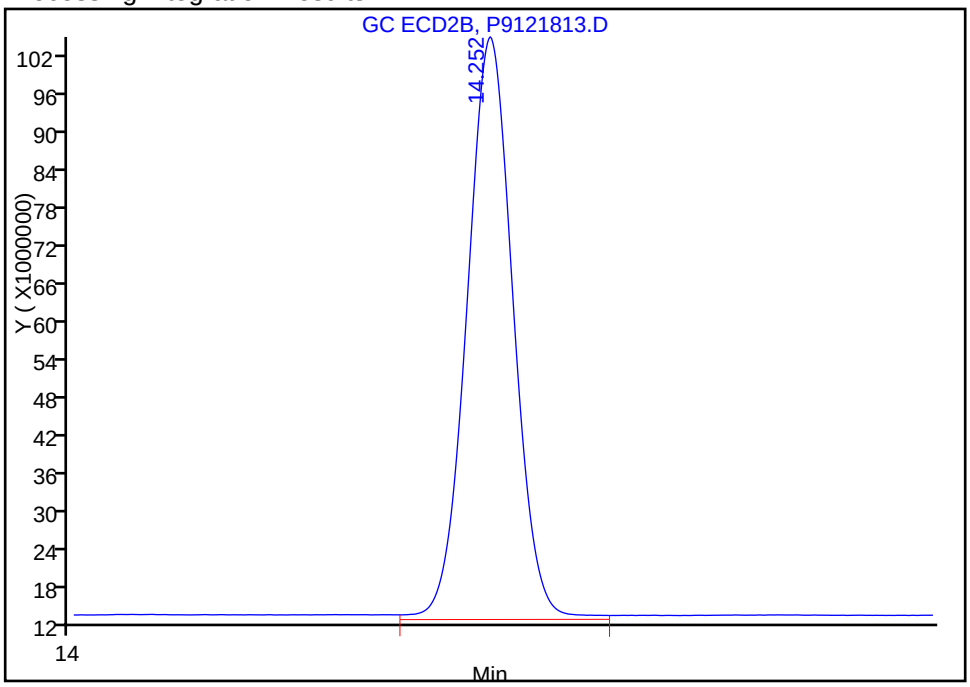
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D | | |
| Injection Date: | 18-Dec-2012 14:09:31 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 13 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

$ 10 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 14.25, Det: GC ecd2b

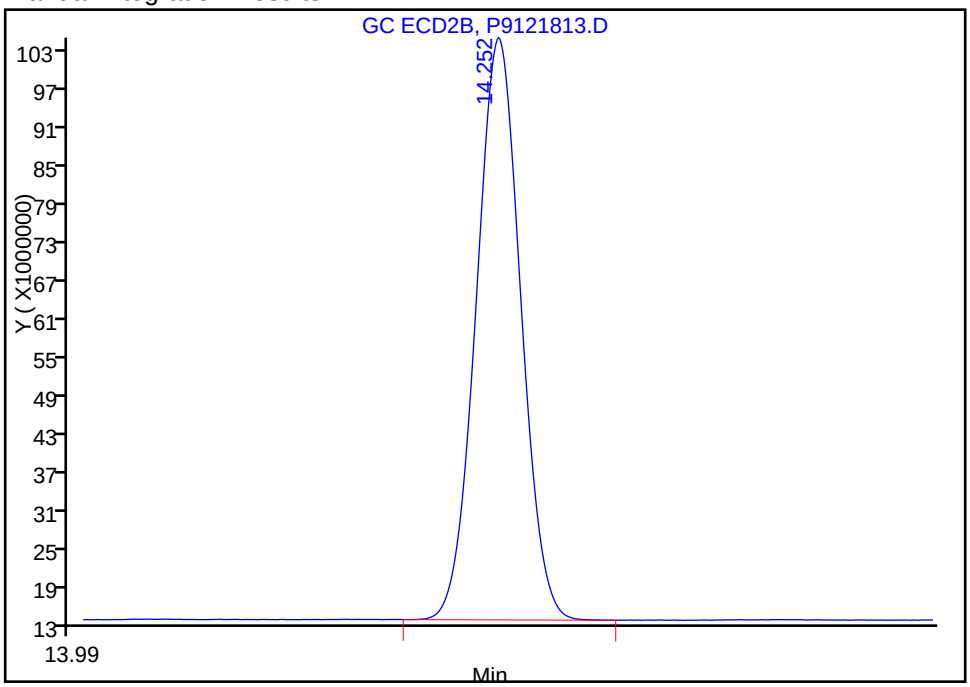
Processing Integration Results

RT: 14.25
Response: 176355665
Amount: 0.030742




Manual Integration Results

RT: 14.25
Response: 171313687
Amount: 0.029863




Reviewer: vandorenc, 19-Dec-2012 12:41:30
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69596/9-A

Matrix: Solid | Lab File ID: P9122234.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 11:14

Sample wt/vol: 30.00(g) | Date Analyzed: 12/23/2012 00:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.67 | U | 2.0 | 0.67 | 0.62 |
| 72-55-9 | 4,4'-DDE | 0.67 | U | 1.7 | 0.67 | 0.39 |
| 50-29-3 | 4,4'-DDT | 0.67 | U | 2.0 | 0.67 | 0.63 |
| 309-00-2 | Aldrin | 1.3 | U | 4.0 | 1.3 | 1.2 |
| 319-84-6 | alpha-BHC | 1.3 | U | 2.5 | 1.3 | 0.73 |
| 5103-71-9 | alpha-Chlordane | 1.3 | U | 3.0 | 1.3 | 0.94 |
| 319-85-7 | beta-BHC | 1.3 | U | 3.5 | 1.3 | 1.1 |
| 319-86-8 | delta-BHC | 1.3 | U | 4.0 | 1.3 | 1.2 |
| 60-57-1 | Dieldrin | 0.67 | U | 1.7 | 0.67 | 0.47 |
| 959-98-8 | Endosulfan I | 0.67 | U | 1.7 | 0.67 | 0.52 |
| 33213-65-9 | Endosulfan II | 1.3 | U | 2.5 | 1.3 | 0.82 |
| 1031-07-8 | Endosulfan sulfate | 1.3 | U | 3.0 | 1.3 | 0.87 |
| 72-20-8 | Endrin | 0.67 | U | 1.7 | 0.67 | 0.50 |
| 7421-93-4 | Endrin aldehyde | 1.3 | U | 3.0 | 1.3 | 1.0 |
| 53494-70-5 | Endrin ketone | 0.67 | U | 2.0 | 0.67 | 0.63 |
| 58-89-9 | gamma-BHC (Lindane) | 1.3 | U | 2.5 | 1.3 | 0.74 |
| 5103-74-2 | gamma-Chlordane | 0.67 | U | 1.7 | 0.67 | 0.42 |
| 76-44-8 | Heptachlor | 1.3 | U | 3.5 | 1.3 | 1.1 |
| 1024-57-3 | Heptachlor epoxide | 1.3 | U | 2.5 | 1.3 | 0.80 |
| 72-43-5 | Methoxychlor | 3.3 | U | 5.0 | 3.3 | 1.5 |
| 8001-35-2 | Toxaphene | 20 | U | 67 | 20 | 19 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 92 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 94 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122234.D
Lims ID: MB 240-69596/9-A Client ID:
Inject. Date: 23-Dec-2012 00:59:01 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016122-034
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 34
Lims Batch ID: 69893 Lims Sample ID: 34
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 14:07:13 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 14:06:18

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.498 | 0.001 | 51089143 | 0.0188 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 154302057 | 0.0176 | | | |
| | | | | | | RPD = 6.64 | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 3.969 | | | | | | |
| 2 | 100 | | 4.697 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.059 | | | | | | |
| 1 | 2 | | 4.221 | | | | | | |
| 2 | 100 | | 4.659 | | | | | | |
| 2 | 2 | | 4.806 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.181 | | | | | | |
| 2 | 100 | | 4.912 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.557 | | | | | | |
| 2 | 100 | | 5.467 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.688 | | | | | | |
| 2 | 100 | | 5.643 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.901 | | | | | | |
| 2 | 100 | | 6.192 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.069 | | | | | | |
| 1 | 2 | | 5.923 | | | | | | |
| 1 | 3 | | 7.164 | | | | | | |
| 1 | 4 | | 7.513 | | | | | | |
| 2 | 100 | | 5.996 | | | | | | |
| 2 | 2 | | 7.494 | | | | | | |
| 2 | 3 | | 8.920 | | | | | | |
| 2 | 4 | | 9.232 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.182 | | | | | | |
| 2 | 100 | | 6.289 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.632 | | | | | | |
| 2 | 100 | | 7.004 | | | | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.219 | | | | | | |
| 2 | 100 | | 8.002 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.860 | | | | | | |
| 2 | 100 | | 8.492 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.164 | | | | | | |
| 2 | 100 | | 8.918 | | | | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.516 | | | | | | |
| 2 | 100 | | 9.232 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.796 | | | | | | |
| 2 | 100 | | 9.293 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.896 | | | | | | |
| 2 | 100 | | 9.693 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.360 | | | | | | |
| 2 | 100 | | 9.829 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.818 | | | | | | |
| 2 | 100 | | 10.352 | | | | | | |
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 8.908 | | | | | | |
| 2 | 100 | | 10.534 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.182 | | | | | | |
| 2 | 100 | | 10.722 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.267 | | | | | | |
| 2 | 100 | | 10.722 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.286 | | | | | | |
| 2 | 100 | | 10.541 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.705 | | | | | | |
| 2 | 100 | | 11.208 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.065 | | | | | | |
| 2 | 100 | | 11.296 | | | | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.656 | | | | | | |
| 2 | 100 | | 12.287 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.787 | | | | | | |
| 2 | 100 | | 11.730 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.189 | | | | | | |
| 2 | 100 | | 12.467 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.801 | -0.001 | 46931115 | 0.0184 | | | |
| 2 | 100 | 14.246 | 14.245 | 0.001 | 120005608 | 0.0177 | | | |
| | | | | | | RPD = 3.99 | | | |

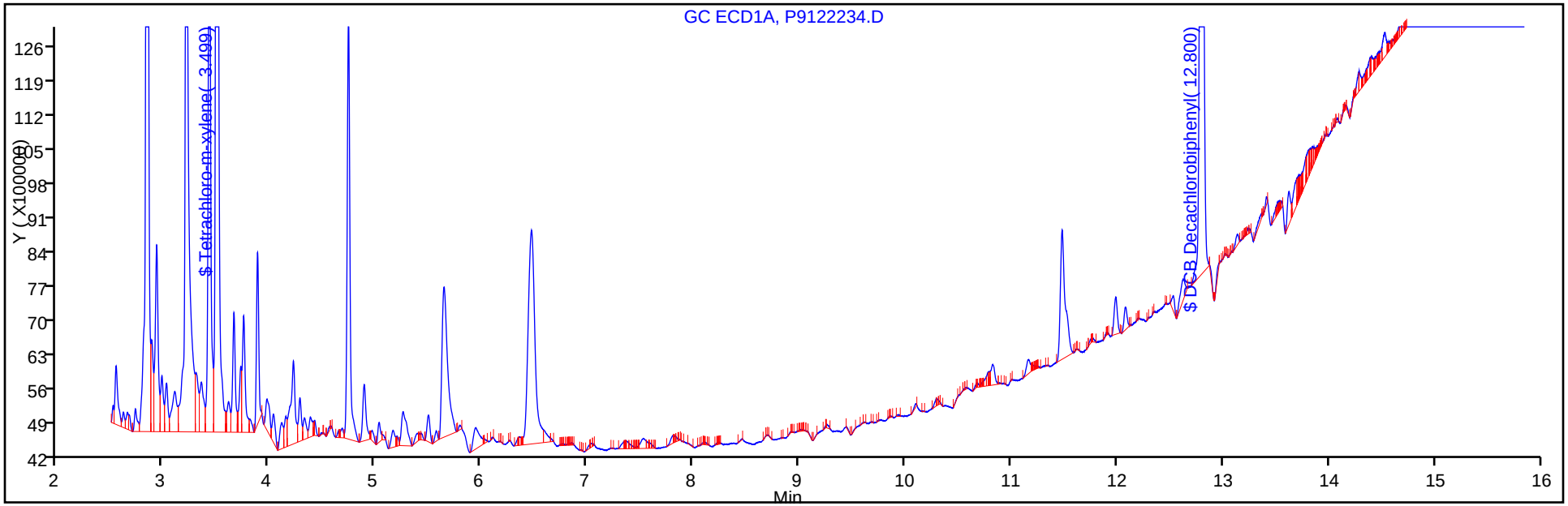
Report Date: 31-Dec-2012 14:07:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

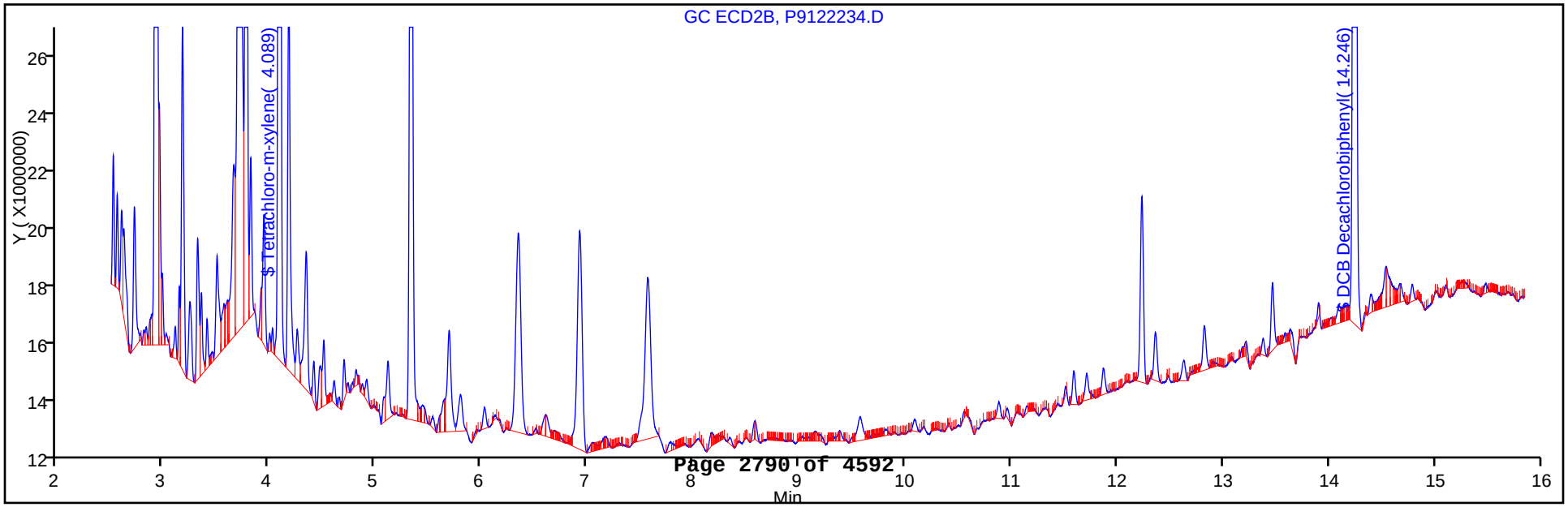
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122234.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 00:59:01 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 34 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69596/9-A

Matrix: Solid Lab File ID: P9122234.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/20/2012 11:14

Sample wt/vol: 30.00(g) Date Analyzed: 12/23/2012 00:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 88 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 88 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122234.D | | |
| Lims ID: | MB 240-69596/9-A | Client ID: | |
| Inject. Date: | 23-Dec-2012 00:59:01 | Dil. Factor: | 1.0000 |
| Sample Type: | MB | | |
| Sample ID: | 240-0016122-034 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 34 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 34 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m | | |
| Last Update: | 31-Dec-2012 14:07:13 | Calib Date: | 22-Dec-2012 17:38:19 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK027 | | |
| First Level Reviewer: vandorenc | | Date: | 31-Dec-2012 14:06:18 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.499 | 3.498 | 0.001 | 51089143 | 0.0188 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 154302057 | 0.0176 | | | |
| | | | | | | RPD = 6.64 | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 3.969 | | | | | | |
| 2 | 100 | | 4.697 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.059 | | | | | | |
| 1 | 2 | | 4.221 | | | | | | |
| 2 | 100 | | 4.659 | | | | | | |
| 2 | 2 | | 4.806 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | | 4.181 | | | | | | |
| 2 | 100 | | 4.912 | | | | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | | 4.557 | | | | | | |
| 2 | 100 | | 5.467 | | | | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | | 4.688 | | | | | | |
| 2 | 100 | | 5.643 | | | | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | | 4.901 | | | | | | |
| 2 | 100 | | 6.192 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.069 | | | | | | |
| 1 | 2 | | 5.923 | | | | | | |
| 1 | 3 | | 7.164 | | | | | | |
| 1 | 4 | | 7.513 | | | | | | |
| 2 | 100 | | 5.996 | | | | | | |
| 2 | 2 | | 7.494 | | | | | | |
| 2 | 3 | | 8.920 | | | | | | |
| 2 | 4 | | 9.232 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | | 5.182 | | | | | | |
| 2 | 100 | | 6.289 | | | | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | | 5.632 | | | | | | |
| 2 | 100 | | 7.004 | | | | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.219 | | | | | | |
| 2 | 100 | | 8.002 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | | 6.860 | | | | | | |
| 2 | 100 | | 8.492 | | | | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.164 | | | | | | |
| 2 | 100 | | 8.918 | | | | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | | 7.516 | | | | | | |
| 2 | 100 | | 9.232 | | | | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | | 7.796 | | | | | | |
| 2 | 100 | | 9.293 | | | | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | | 7.896 | | | | | | |
| 2 | 100 | | 9.693 | | | | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | | 8.360 | | | | | | |
| 2 | 100 | | 9.829 | | | | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | | 8.818 | | | | | | |
| 2 | 100 | | 10.352 | | | | | | |
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 8.908 | | | | | | |
| 2 | 100 | | 10.534 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | | 9.182 | | | | | | |
| 2 | 100 | | 10.722 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | | 9.267 | | | | | | |
| 2 | 100 | | 10.722 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.286 | | | | | | |
| 2 | 100 | | 10.541 | | | | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | | 9.705 | | | | | | |
| 2 | 100 | | 11.208 | | | | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | | 10.065 | | | | | | |
| 2 | 100 | | 11.296 | | | | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | | 10.656 | | | | | | |
| 2 | 100 | | 12.287 | | | | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | | 10.787 | | | | | | |
| 2 | 100 | | 11.730 | | | | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | | 11.189 | | | | | | |
| 2 | 100 | | 12.467 | | | | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.801 | -0.001 | 46931115 | 0.0184 | | | |
| 2 | 100 | 14.246 | 14.245 | 0.001 | 120005608 | 0.0177 | | | |
| | | | | | | RPD = 3.99 | | | |

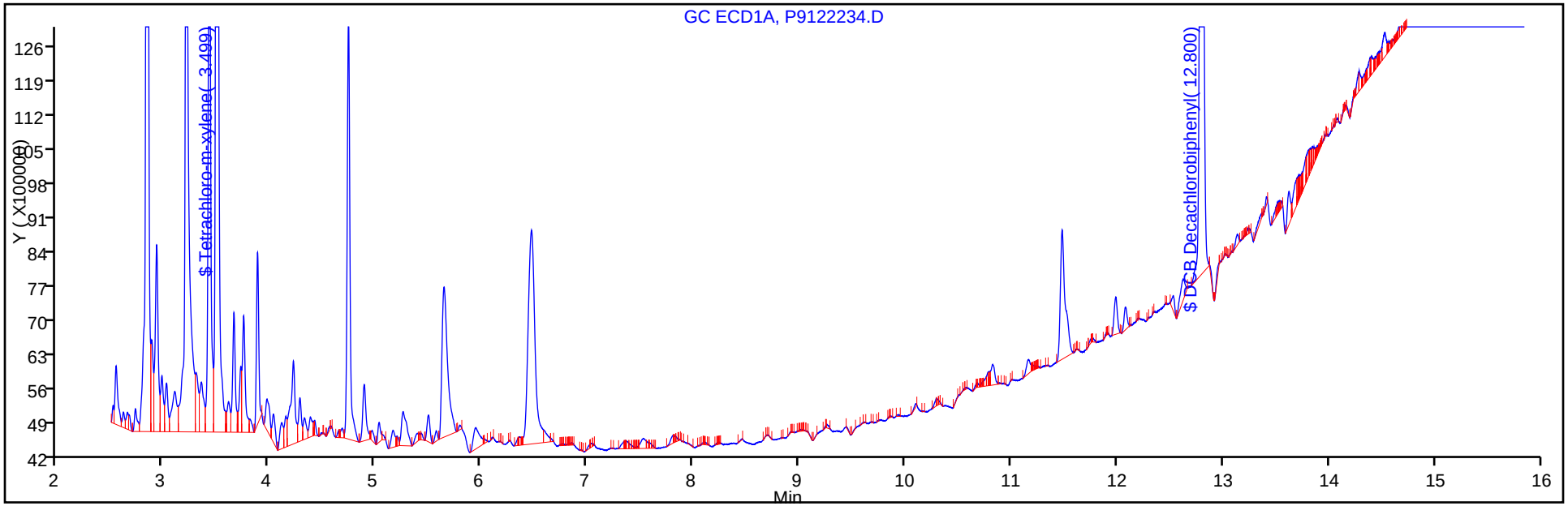
Report Date: 31-Dec-2012 14:07:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

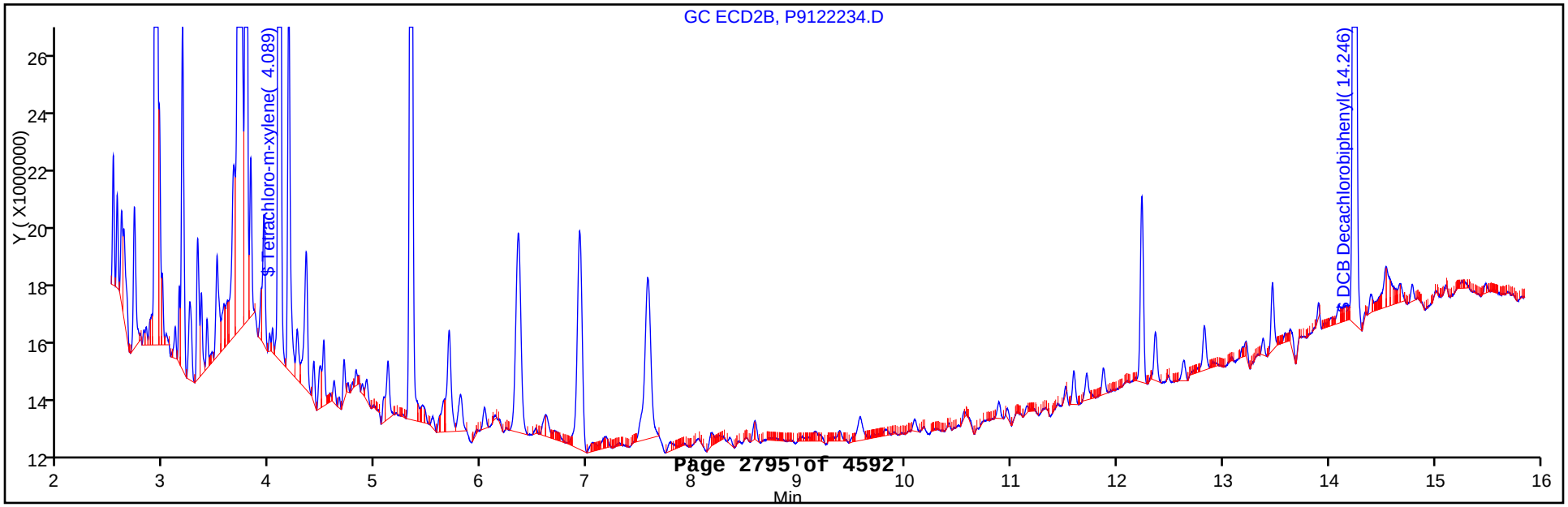
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122234.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 00:59:01 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 34 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68554/5-A

Matrix: Water | Lab File ID: P9121809.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1000(mL) | Date Analyzed: 12/18/2012 12:18

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.409 | | 0.050 | 0.010 | 0.0096 |
| 72-55-9 | 4,4'-DDE | 0.378 | | 0.050 | 0.010 | 0.0097 |
| 50-29-3 | 4,4'-DDT | 0.391 | | 0.050 | 0.030 | 0.016 |
| 309-00-2 | Aldrin | 0.362 | | 0.050 | 0.010 | 0.0082 |
| 319-84-6 | alpha-BHC | 0.373 | | 0.050 | 0.010 | 0.0070 |
| 5103-71-9 | alpha-Chlordane | 0.363 | | 0.050 | 0.014 | 0.014 |
| 319-85-7 | beta-BHC | 0.369 | | 0.050 | 0.010 | 0.0084 |
| 319-86-8 | delta-BHC | 0.382 | | 0.050 | 0.010 | 0.0087 |
| 60-57-1 | Dieldrin | 0.388 | | 0.050 | 0.010 | 0.0075 |
| 959-98-8 | Endosulfan I | 0.330 | | 0.050 | 0.013 | 0.013 |
| 33213-65-9 | Endosulfan II | 0.347 | | 0.050 | 0.012 | 0.012 |
| 1031-07-8 | Endosulfan sulfate | 0.378 | | 0.050 | 0.011 | 0.011 |
| 72-20-8 | Endrin | 0.389 | | 0.050 | 0.011 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.380 | | 0.050 | 0.011 | 0.011 |
| 58-89-9 | gamma-BHC (Lindane) | 0.378 | | 0.050 | 0.010 | 0.0064 |
| 5103-74-2 | gamma-Chlordane | 0.380 | | 0.050 | 0.012 | 0.012 |
| 76-44-8 | Heptachlor | 0.381 | | 0.050 | 0.010 | 0.0080 |
| 1024-57-3 | Heptachlor epoxide | 0.384 | | 0.050 | 0.010 | 0.0071 |
| 72-43-5 | Methoxychlor | 0.377 | | 0.10 | 0.032 | 0.032 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 39 | | 30-135 |
| 877-09-8 | Tetrachloro-m-xylene | 76 | | 25-140 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D
Lims ID: LCS 240-68554/5-A
Client ID:
Inject. Date: 18-Dec-2012 12:18:56
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015955-009
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 69152
Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05
Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK024

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.500 | 0.000 | 78460736 | 0.0303 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 245220912 | 0.0317 | | | |
| | | | | | | RPD = 4.71 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.183 | 0.000 | 255102613 | 0.0746 | | | |
| 2 | 100 | 4.918 | 4.917 | 0.001 | 890673560 | 0.0825 | | | |
| | | | | | | RPD = 10.08 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.559 | 0.000 | 220457825 | 0.0757 | | | |
| 2 | 100 | 5.473 | 5.472 | 0.001 | 744333916 | 0.0829 | | | |
| | | | | | | RPD = 9.18 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.689 | 4.691 | -0.002 | 92279206 | 0.0738 | | | |
| 2 | 100 | 5.648 | 5.649 | -0.001 | 298419283 | 0.0791 | | | |
| | | | | | | RPD = 6.93 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.904 | 0.000 | 234169686 | 0.0765 | | | |
| 2 | 100 | 6.199 | 6.198 | 0.001 | 791398515 | 0.0839 | | | |
| | | | | | | RPD = 9.30 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.185 | 5.186 | -0.001 | 202355856 | 0.0762 | | | |
| 2 | 100 | 6.296 | 6.296 | 0.000 | 627839576 | 0.0789 | | | |
| | | | | | | RPD = 3.46 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.636 | 0.000 | 231136703 | 0.0725 | | | |
| 2 | 100 | 7.012 | 7.012 | 0.000 | 706851591 | 0.0799 | | | |
| | | | | | | RPD = 9.72 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.864 | 6.865 | -0.001 | 198083209 | 0.0767 | | | |
| 2 | 100 | 8.499 | 8.499 | 0.000 | 602064004 | 0.0825 | | | |
| | | | | | | RPD = 7.27 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.169 | 7.170 | -0.001 | 213767218 | 0.0761 | | | |
| 2 | 100 | 8.926 | 8.926 | 0.000 | 613591308 | 0.0822 | | | |
| | | | | | | RPD = 7.69 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.520 | 7.520 | 0.000 | 211589974 | 0.0726 | | | |
| 2 | 100 | 9.239 | 9.239 | 0.000 | 600656086 | 0.0794 | | | |
| | | | | | | RPD = 9.01 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.798 | 7.800 | -0.002 | 160618182 | 0.0661 | | | |
| 2 | 100 | 9.300 | 9.298 | 0.002 | 431852332 | 0.0697 | | | |
| | | | | | | RPD = 5.35 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.900 | 7.902 | -0.002 | 225593477 | 0.0756 | | | |
| 2 | 100 | 9.699 | 9.698 | 0.001 | 617512015 | 0.0823 | | | |
| | | | | | | RPD = 8.55 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.365 | 8.366 | -0.001 | 193727083 | 0.0776 | | | |
| 2 | 100 | 9.836 | 9.835 | 0.001 | 566286671 | 0.0832 | | | |
| | | | | | | RPD = 6.99 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.824 | 8.824 | 0.000 | 176191935 | 0.0778 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 528070684 | 0.0835 | | | |
| | | | | | | RPD = 7.09 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.187 | 9.185 | 0.002 | 150345633 | 0.0819 | | | |
| 2 | 100 | 10.727 | 10.728 | -0.001 | 901416083 | 0.0835 | | | |
| | | | | | | RPD = 2.03 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.274 | 0.000 | 163749820 | 0.0694 | | | |
| 2 | 100 | 10.727 | 10.728 | -0.001 | 901416083 | 0.0824 | | | |
| | | | | | | RPD = 17.13 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.708 | 0.001 | 155794349 | 0.0781 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 400525588 | 0.0813 | | | |
| | | | | | | RPD = 3.95 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.068 | 0.001 | 136760421 | 0.0760 | | | |
| 2 | 100 | 11.302 | 11.302 | 0.000 | 379858565 | 0.0803 | | | |
| | | | | | | RPD = 5.49 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 70498683 | 0.0754 | | | |
| 2 | 100 | 12.294 | 12.292 | 0.002 | 183452150 | 0.0737 | | | |
| | | | | | | RPD = 2.23 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.792 | 10.791 | 0.001 | 164249866 | 0.0757 | | | |
| 2 | 100 | 11.737 | 11.736 | 0.001 | 477888464 | 0.0844 | | | |
| | | | | | | RPD = 10.89 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.192 | 0.001 | 167002329 | 0.0744 | | | |
| 2 | 100 | 12.474 | 12.473 | 0.001 | 451077398 | 0.0782 | | | |
| | | | | | | RPD = 4.96 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 37392323 | 0.0157 | | | |
| 2 | 100 | 14.251 | 14.251 | 0.000 | 94843197 | 0.0165 | | | |
| | | | | | | RPD = 5.48 | | | |

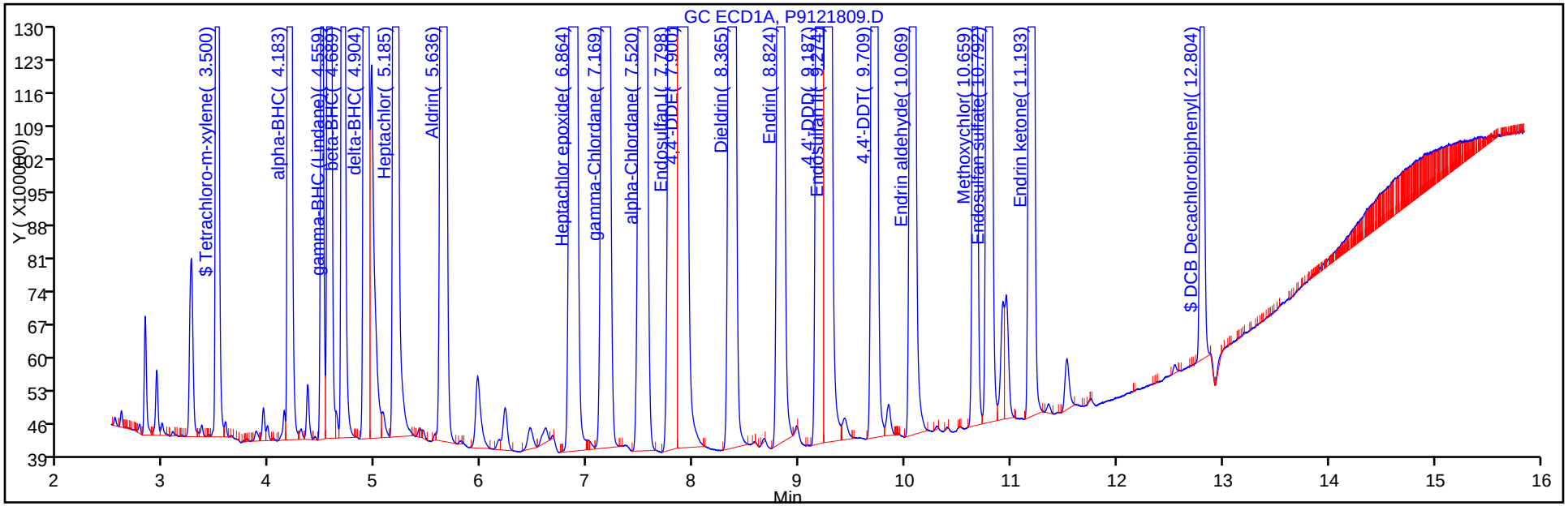
Report Date: 19-Dec-2012 12:50:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

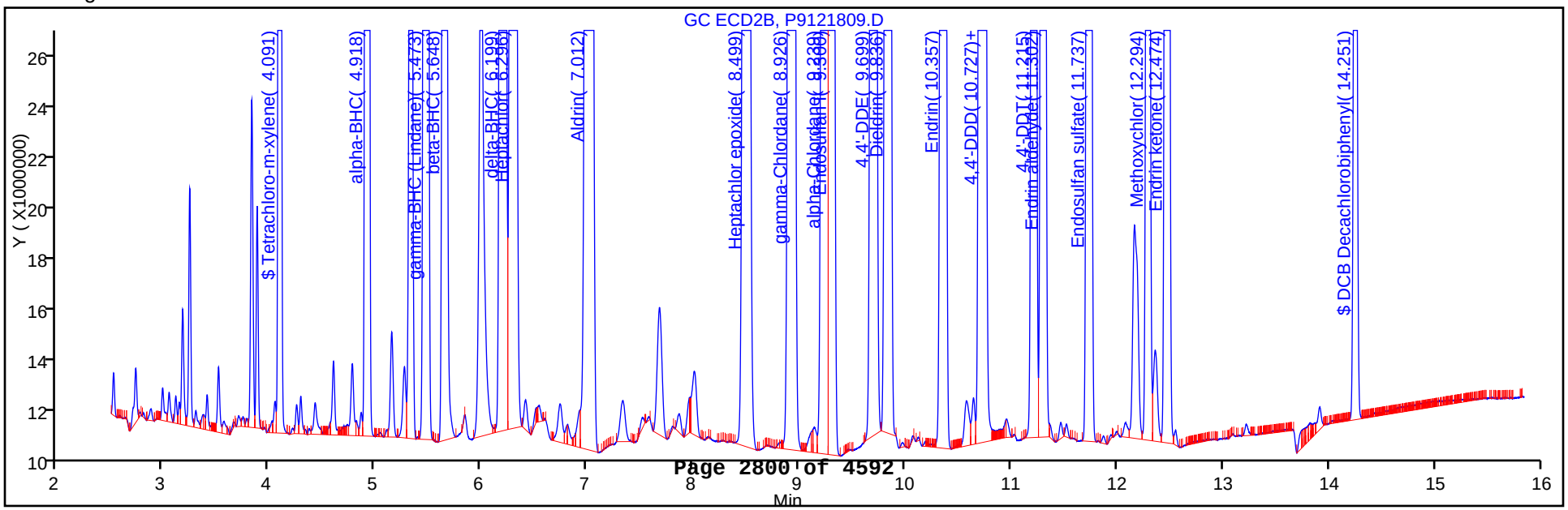
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 12:18:56 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 9 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68554/5-A

Matrix: Water | Lab File ID: P9121809.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1000(mL) | Date Analyzed: 12/18/2012 12:18

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 53494-70-5 | Endrin ketone | 0.391 | | 0.050 | 0.010 | 0.0078 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 41 | | 30-135 |
| 877-09-8 | Tetrachloro-m-xylene | 79 | | 25-140 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D
Lims ID: LCS 240-68554/5-A
Client ID:
Inject. Date: 18-Dec-2012 12:18:56
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015955-009
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 69152
Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05
Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK024

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.500 | 3.500 | 0.000 | 78460736 | 0.0303 | | | |
| 2 | 100 | 4.091 | 4.091 | 0.000 | 245220912 | 0.0317 | | | |
| | | | | | | RPD = 4.71 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.183 | 0.000 | 255102613 | 0.0746 | | | |
| 2 | 100 | 4.918 | 4.917 | 0.001 | 890673560 | 0.0825 | | | |
| | | | | | | RPD = 10.08 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.559 | 0.000 | 220457825 | 0.0757 | | | |
| 2 | 100 | 5.473 | 5.472 | 0.001 | 744333916 | 0.0829 | | | |
| | | | | | | RPD = 9.18 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.689 | 4.691 | -0.002 | 92279206 | 0.0738 | | | |
| 2 | 100 | 5.648 | 5.649 | -0.001 | 298419283 | 0.0791 | | | |
| | | | | | | RPD = 6.93 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.904 | 0.000 | 234169686 | 0.0765 | | | |
| 2 | 100 | 6.199 | 6.198 | 0.001 | 791398515 | 0.0839 | | | |
| | | | | | | RPD = 9.30 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.185 | 5.186 | -0.001 | 202355856 | 0.0762 | | | |
| 2 | 100 | 6.296 | 6.296 | 0.000 | 627839576 | 0.0789 | | | |
| | | | | | | RPD = 3.46 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.636 | 5.636 | 0.000 | 231136703 | 0.0725 | | | |
| 2 | 100 | 7.012 | 7.012 | 0.000 | 706851591 | 0.0799 | | | |
| | | | | | | RPD = 9.72 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.864 | 6.865 | -0.001 | 198083209 | 0.0767 | | | |
| 2 | 100 | 8.499 | 8.499 | 0.000 | 602064004 | 0.0825 | | | |
| | | | | | | RPD = 7.27 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.169 | 7.170 | -0.001 | 213767218 | 0.0761 | | | |
| 2 | 100 | 8.926 | 8.926 | 0.000 | 613591308 | 0.0822 | | | |
| | | | | | | RPD = 7.69 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.520 | 7.520 | 0.000 | 211589974 | 0.0726 | | | |
| 2 | 100 | 9.239 | 9.239 | 0.000 | 600656086 | 0.0794 | | | |
| | | | | | | RPD = 9.01 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.798 | 7.800 | -0.002 | 160618182 | 0.0661 | | | |
| 2 | 100 | 9.300 | 9.298 | 0.002 | 431852332 | 0.0697 | | | |
| | | | | | | RPD = 5.35 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.900 | 7.902 | -0.002 | 225593477 | 0.0756 | | | |
| 2 | 100 | 9.699 | 9.698 | 0.001 | 617512015 | 0.0823 | | | |
| | | | | | | RPD = 8.55 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.365 | 8.366 | -0.001 | 193727083 | 0.0776 | | | |
| 2 | 100 | 9.836 | 9.835 | 0.001 | 566286671 | 0.0832 | | | |
| | | | | | | RPD = 6.99 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.824 | 8.824 | 0.000 | 176191935 | 0.0778 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 528070684 | 0.0835 | | | |
| | | | | | | RPD = 7.09 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.187 | 9.185 | 0.002 | 150345633 | 0.0819 | | | |
| 2 | 100 | 10.727 | 10.728 | -0.001 | 901416083 | 0.0835 | | | |
| | | | | | | RPD = 2.03 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.274 | 0.000 | 163749820 | 0.0694 | | | |
| 2 | 100 | 10.727 | 10.728 | -0.001 | 901416083 | 0.0824 | | | |
| | | | | | | RPD = 17.13 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.708 | 0.001 | 155794349 | 0.0781 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 400525588 | 0.0813 | | | |
| | | | | | | RPD = 3.95 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.068 | 0.001 | 136760421 | 0.0760 | | | |
| 2 | 100 | 11.302 | 11.302 | 0.000 | 379858565 | 0.0803 | | | |
| | | | | | | RPD = 5.49 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.659 | 0.000 | 70498683 | 0.0754 | | | |
| 2 | 100 | 12.294 | 12.292 | 0.002 | 183452150 | 0.0737 | | | |
| | | | | | | RPD = 2.23 | | | |

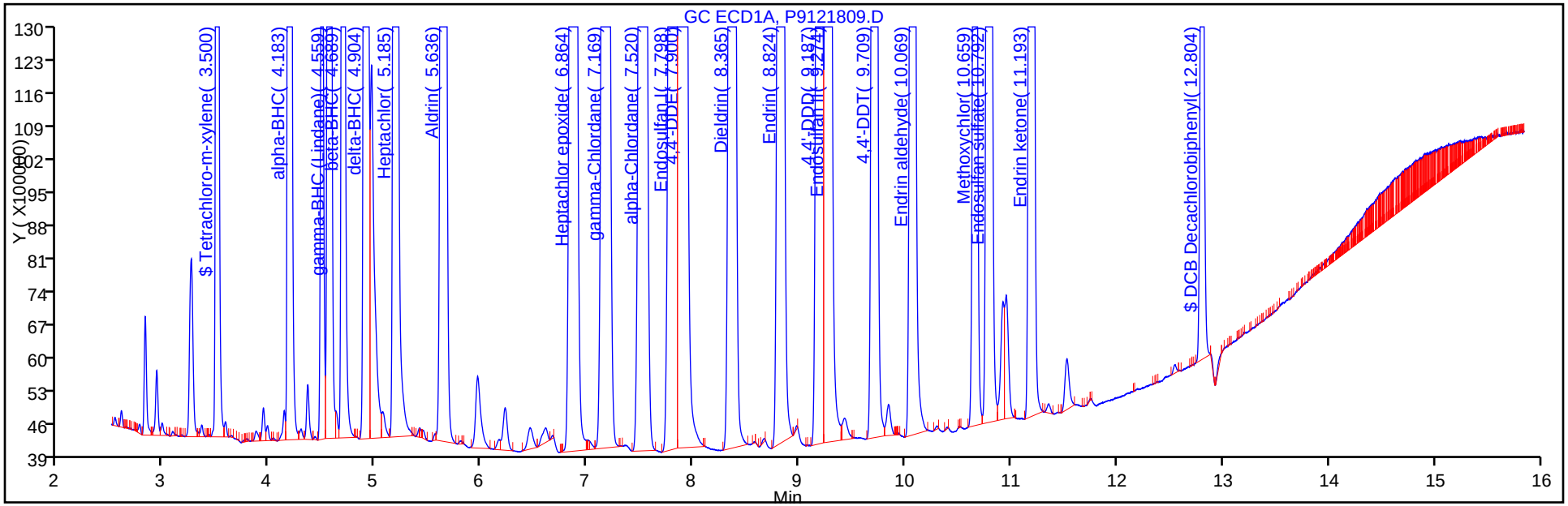
| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.792 | 10.791 | 0.001 | 164249866 | 0.0757 | | | |
| 2 | 100 | 11.737 | 11.736 | 0.001 | 477888464 | 0.0844 | | | |
| | | | | | | RPD = 10.89 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.193 | 11.192 | 0.001 | 167002329 | 0.0744 | | | |
| 2 | 100 | 12.474 | 12.473 | 0.001 | 451077398 | 0.0782 | | | |
| | | | | | | RPD = 4.96 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.804 | 12.803 | 0.001 | 37392323 | 0.0157 | | | |
| 2 | 100 | 14.251 | 14.251 | 0.000 | 94843197 | 0.0165 | | | |
| | | | | | | RPD = 5.48 | | | |

Report Date: 19-Dec-2012 12:50:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

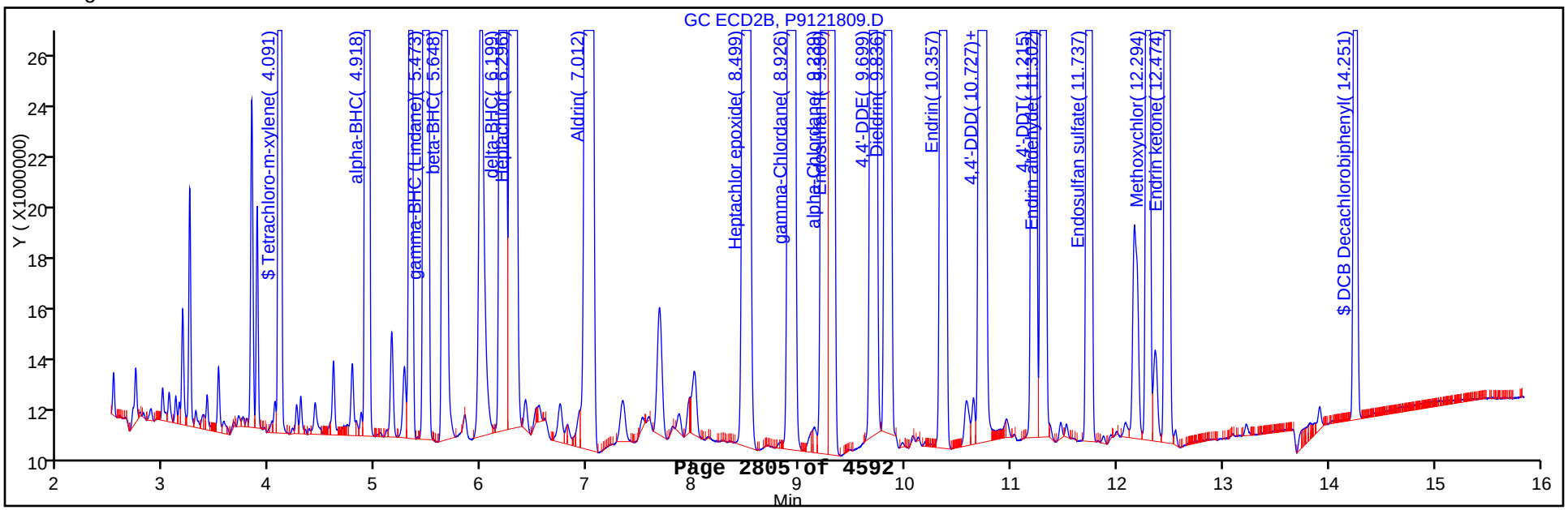
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D | | |
| Injection Date: | 18-Dec-2012 12:18:56 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 9 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69596/10-A

Matrix: Solid | Lab File ID: P9122235.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 11:14

Sample wt/vol: 30.00(g) | Date Analyzed: 12/23/2012 01:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 36.4 | | 2.0 | 0.67 | 0.62 |
| 72-55-9 | 4,4'-DDE | 30.9 | | 1.7 | 0.67 | 0.39 |
| 50-29-3 | 4,4'-DDT | 32.6 | | 2.0 | 0.67 | 0.63 |
| 309-00-2 | Aldrin | 29.8 | | 4.0 | 1.3 | 1.2 |
| 319-84-6 | alpha-BHC | 32.7 | | 2.5 | 1.3 | 0.73 |
| 5103-71-9 | alpha-Chlordane | 31.6 | | 3.0 | 1.3 | 0.94 |
| 319-85-7 | beta-BHC | 31.7 | | 3.5 | 1.3 | 1.1 |
| 319-86-8 | delta-BHC | 34.4 | | 4.0 | 1.3 | 1.2 |
| 60-57-1 | Dieldrin | 35.4 | | 1.7 | 0.67 | 0.47 |
| 959-98-8 | Endosulfan I | 30.1 | | 1.7 | 0.67 | 0.52 |
| 33213-65-9 | Endosulfan II | 30.1 | | 2.5 | 1.3 | 0.82 |
| 1031-07-8 | Endosulfan sulfate | 34.7 | | 3.0 | 1.3 | 0.87 |
| 72-20-8 | Endrin | 32.5 | | 1.7 | 0.67 | 0.50 |
| 7421-93-4 | Endrin aldehyde | 33.8 | | 3.0 | 1.3 | 1.0 |
| 53494-70-5 | Endrin ketone | 31.3 | | 2.0 | 0.67 | 0.63 |
| 58-89-9 | gamma-BHC (Lindane) | 34.8 | | 2.5 | 1.3 | 0.74 |
| 5103-74-2 | gamma-Chlordane | 33.7 | | 1.7 | 0.67 | 0.42 |
| 76-44-8 | Heptachlor | 28.9 | | 3.5 | 1.3 | 1.1 |
| 1024-57-3 | Heptachlor epoxide | 35.7 | | 2.5 | 1.3 | 0.80 |
| 72-43-5 | Methoxychlor | 32.7 | | 5.0 | 3.3 | 1.5 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 89 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 109 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122235.D
Lims ID: LCS 240-69596/10-A Client ID:
Inject. Date: 23-Dec-2012 01:23:19 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016122-035
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 35
Lims Batch ID: 69893 Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 14:07:13 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.498 | 0.000 | 59033644 | 0.0217 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 187954000 | 0.0214 | | | |
| | | | | | | RPD = 1.37 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.181 | 0.002 | 373422182 | 0.0980 | | | |
| 2 | 100 | 4.915 | 4.912 | 0.003 | 1410518080 | 0.1070 | | | |
| | | | | | | RPD = 8.80 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.558 | 4.557 | 0.001 | 324994835 | 0.1043 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 1164906159 | 0.1117 | | | |
| | | | | | | RPD = 6.82 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.689 | 4.688 | 0.001 | 128999943 | 0.0951 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 454988264 | 0.1043 | | | |
| | | | | | | RPD = 9.25 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.903 | 4.901 | 0.002 | 348068967 | 0.1031 | | | |
| 2 | 100 | 6.193 | 6.192 | 0.001 | 1241224812 | 0.1143 | | | |
| | | | | | | RPD = 10.34 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.182 | 0.001 | 237942322 | 0.0867 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 776190117 | 0.0882 | | | |
| | | | | | | RPD = 1.65 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.635 | 5.632 | 0.003 | 318397704 | 0.0895 | | | |
| 2 | 100 | 7.007 | 7.004 | 0.003 | 1074053531 | 0.1010 | | | |
| | | | | | | RPD = 12.03 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.861 | 6.860 | 0.001 | 291821145 | 0.1072 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 917865550 | 0.1100 | | | |
| | | | | | | RPD = 2.55 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.166 | 7.164 | 0.002 | 309321664 | 0.1010 | | | |
| 2 | 100 | 8.919 | 8.918 | 0.001 | 928020987 | 0.1039 | | | |
| | | | | | | RPD = 2.86 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.517 | 7.516 | 0.001 | 299428404 | 0.0948 | | | |
| 2 | 100 | 9.233 | 9.232 | 0.001 | 900556968 | 0.1018 | | | |
| | | | | | | RPD = 7.08 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.796 | -0.003 | 230666473 | 0.0902 | | | |
| 2 | 100 | 9.293 | 9.293 | 0.000 | 676472720 | 0.0948 | | | |
| | | | | | | RPD = 5.06 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.897 | 7.896 | 0.001 | 306286111 | 0.0926 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 872171095 | 0.1009 | | | |
| | | | | | | RPD = 8.53 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.362 | 8.360 | 0.002 | 282058870 | 0.1062 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 860162220 | 0.1085 | | | |
| | | | | | | RPD = 2.07 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 237983672 | 0.0974 | | | |
| 2 | 100 | 10.351 | 10.352 | -0.001 | 706704963 | 0.1003 | | | |
| | | | | | | RPD = 2.97 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.182 | 9.182 | 0.000 | 206263984 | 0.1091 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 1300453018 | 0.1050 | | | |
| | | | | | | RPD = 3.86 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.270 | 9.267 | 0.003 | 228419700 | 0.0904 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 1300453018 | 0.1050 | | | |
| | | | | | | RPD = 14.92 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.705 | 0.001 | 183804219 | 0.0979 | | | |
| 2 | 100 | 11.208 | 11.208 | 0.000 | 493373536 | 0.1057 | | | |
| | | | | | | RPD = 7.69 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 186332918 | 0.1013 | | | |
| 2 | 100 | 11.297 | 11.296 | 0.001 | 540169102 | 0.1029 | | | |
| | | | | | | RPD = 1.48 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 86052790 | 0.0980 | | | |
| 2 | 100 | 12.288 | 12.287 | 0.001 | 219720734 | 0.0951 | | | |
| | | | | | | RPD = 3.02 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.787 | 0.001 | 232899629 | 0.1040 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 727071601 | 0.1144 | | | |
| | | | | | | RPD = 9.50 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.189 | 0.000 | 219897146 | 0.0939 | | | |
| 2 | 100 | 12.468 | 12.467 | 0.001 | 618584643 | 0.0989 | | | |
| | | | | | | RPD = 5.18 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.801 | -0.001 | 45514707 | 0.0178 | | | |
| 2 | 100 | 14.245 | 14.245 | 0.000 | 117385439 | 0.0173 | | | |
| | | | | | | RPD = 3.13 | | | |

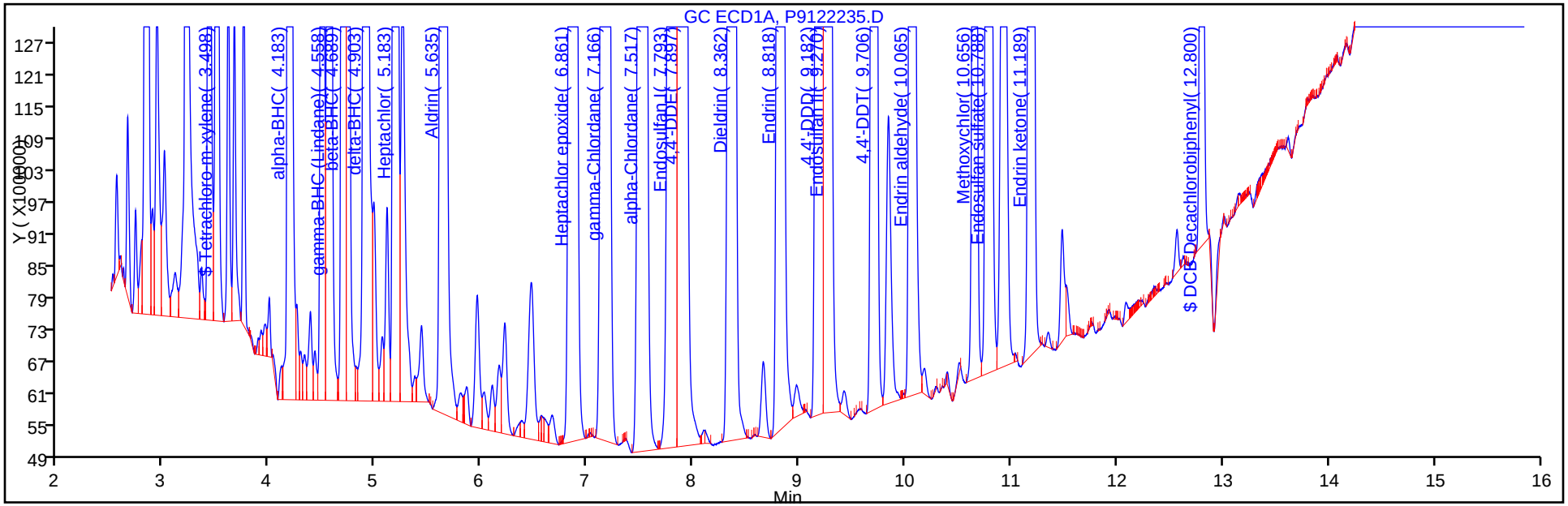
Report Date: 31-Dec-2012 14:07:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

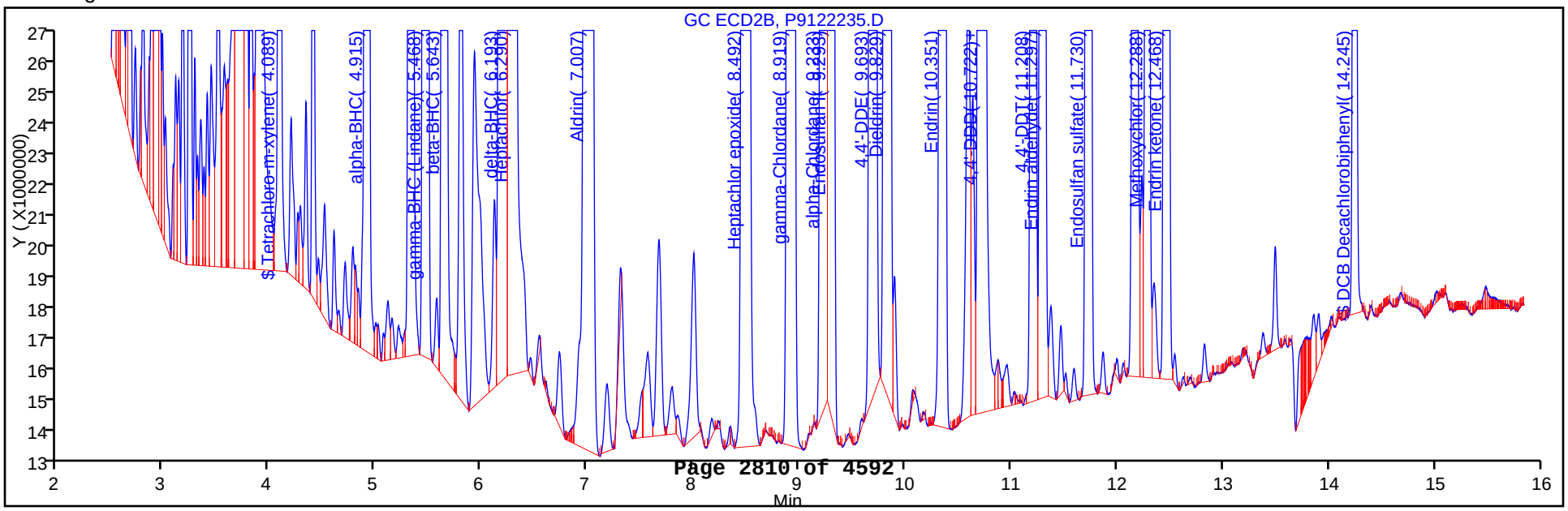
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122235.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 01:23:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 35 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69596/10-A

Matrix: Solid | Lab File ID: P9122235.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 11:14

Sample wt/vol: 30.00(g) | Date Analyzed: 12/23/2012 01:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 86 | | 55-130 |
| 877-09-8 | Tetrachloro-m-xylene | 107 | | 70-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122235.D
Lims ID: LCS 240-69596/10-A
Client ID:
Inject. Date: 23-Dec-2012 01:23:19
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016122-035
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 35
Lims Batch ID: 69893
Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 14:07:13
Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK027

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | 3.498 | 3.498 | 0.000 | 59033644 | 0.0217 | | | |
| 2 | 100 | 4.089 | 4.089 | 0.000 | 187954000 | 0.0214 | | | |
| | | | | | | RPD = 1.37 | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.181 | 0.002 | 373422182 | 0.0980 | | | |
| 2 | 100 | 4.915 | 4.912 | 0.003 | 1410518080 | 0.1070 | | | |
| | | | | | | RPD = 8.80 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.558 | 4.557 | 0.001 | 324994835 | 0.1043 | | | |
| 2 | 100 | 5.468 | 5.467 | 0.001 | 1164906159 | 0.1117 | | | |
| | | | | | | RPD = 6.82 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.689 | 4.688 | 0.001 | 128999943 | 0.0951 | | | |
| 2 | 100 | 5.643 | 5.643 | 0.000 | 454988264 | 0.1043 | | | |
| | | | | | | RPD = 9.25 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.903 | 4.901 | 0.002 | 348068967 | 0.1031 | | | |
| 2 | 100 | 6.193 | 6.192 | 0.001 | 1241224812 | 0.1143 | | | |
| | | | | | | RPD = 10.34 | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.182 | 0.001 | 237942322 | 0.0867 | | | |
| 2 | 100 | 6.290 | 6.289 | 0.001 | 776190117 | 0.0882 | | | |
| | | | | | | RPD = 1.65 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.635 | 5.632 | 0.003 | 318397704 | 0.0895 | | | |
| 2 | 100 | 7.007 | 7.004 | 0.003 | 1074053531 | 0.1010 | | | |
| | | | | | | RPD = 12.03 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.861 | 6.860 | 0.001 | 291821145 | 0.1072 | | | |
| 2 | 100 | 8.492 | 8.492 | 0.000 | 917865550 | 0.1100 | | | |
| | | | | | | RPD = 2.55 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.166 | 7.164 | 0.002 | 309321664 | 0.1010 | | | |
| 2 | 100 | 8.919 | 8.918 | 0.001 | 928020987 | 0.1039 | | | |
| | | | | | | RPD = 2.86 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.517 | 7.516 | 0.001 | 299428404 | 0.0948 | | | |
| 2 | 100 | 9.233 | 9.232 | 0.001 | 900556968 | 0.1018 | | | |
| | | | | | | RPD = 7.08 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.796 | -0.003 | 230666473 | 0.0902 | | | |
| 2 | 100 | 9.293 | 9.293 | 0.000 | 676472720 | 0.0948 | | | |
| | | | | | | RPD = 5.06 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.897 | 7.896 | 0.001 | 306286111 | 0.0926 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 872171095 | 0.1009 | | | |
| | | | | | | RPD = 8.53 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.362 | 8.360 | 0.002 | 282058870 | 0.1062 | | | |
| 2 | 100 | 9.829 | 9.829 | 0.000 | 860162220 | 0.1085 | | | |
| | | | | | | RPD = 2.07 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 237983672 | 0.0974 | | | |
| 2 | 100 | 10.351 | 10.352 | -0.001 | 706704963 | 0.1003 | | | |
| | | | | | | RPD = 2.97 | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.182 | 9.182 | 0.000 | 206263984 | 0.1091 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 1300453018 | 0.1050 | | | |
| | | | | | | RPD = 3.86 | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.270 | 9.267 | 0.003 | 228419700 | 0.0904 | | | |
| 2 | 100 | 10.722 | 10.722 | 0.000 | 1300453018 | 0.1050 | | | |
| | | | | | | RPD = 14.92 | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.705 | 0.001 | 183804219 | 0.0979 | | | |
| 2 | 100 | 11.208 | 11.208 | 0.000 | 493373536 | 0.1057 | | | |
| | | | | | | RPD = 7.69 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 186332918 | 0.1013 | | | |
| 2 | 100 | 11.297 | 11.296 | 0.001 | 540169102 | 0.1029 | | | |
| | | | | | | RPD = 1.48 | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 86052790 | 0.0980 | | | |
| 2 | 100 | 12.288 | 12.287 | 0.001 | 219720734 | 0.0951 | | | |
| | | | | | | RPD = 3.02 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.787 | 0.001 | 232899629 | 0.1040 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 727071601 | 0.1144 | | | |
| | | | | | | RPD = 9.50 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.189 | 0.000 | 219897146 | 0.0939 | | | |
| 2 | 100 | 12.468 | 12.467 | 0.001 | 618584643 | 0.0989 | | | |
| | | | | | | RPD = 5.18 | | | |
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 12.800 | 12.801 | -0.001 | 45514707 | 0.0178 | | | |
| 2 | 100 | 14.245 | 14.245 | 0.000 | 117385439 | 0.0173 | | | |
| | | | | | | RPD = 3.13 | | | |

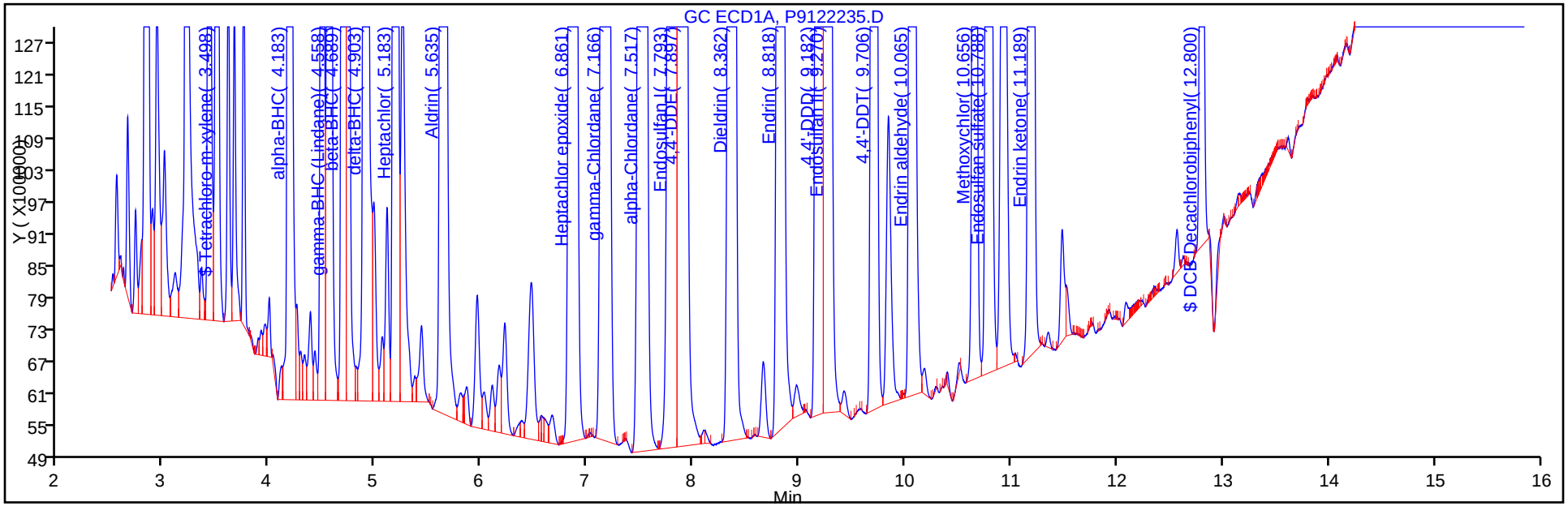
Report Date: 31-Dec-2012 14:07:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

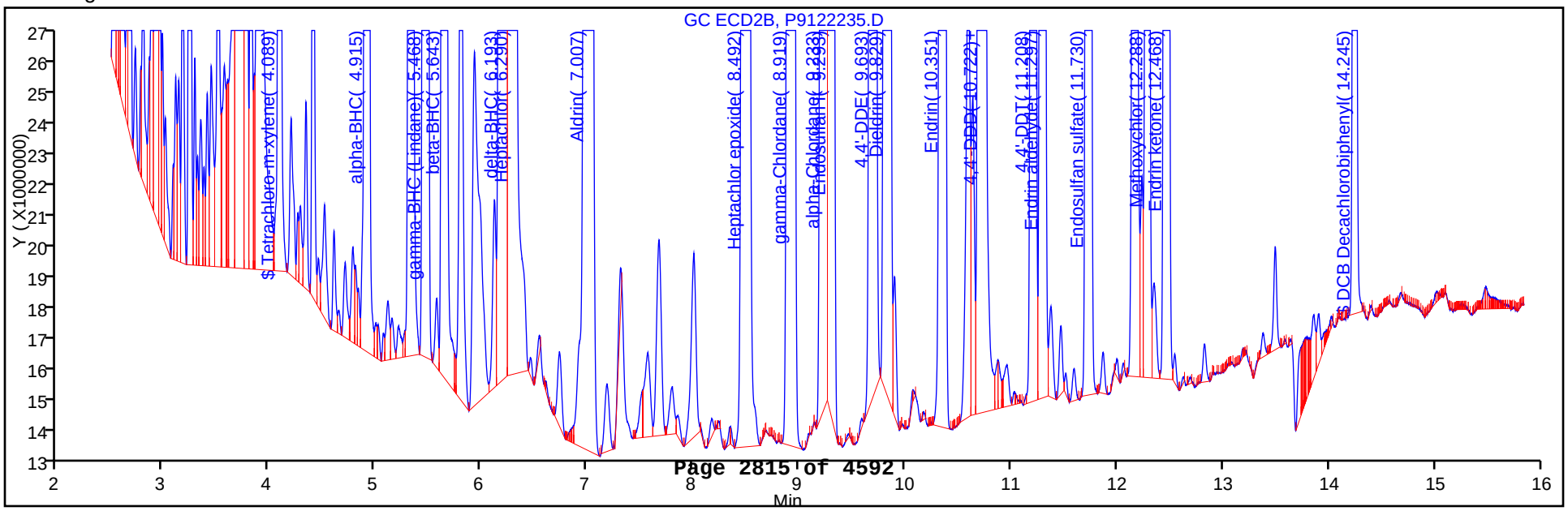
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122235.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 01:23:19 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 35 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/8

Matrix: Water | Lab File ID: P9121808.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 11:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.00581 | | 0.0050 | 0.0010 | 0.00096 |
| 72-55-9 | 4,4'-DDE | 0.00545 | | 0.0050 | 0.0010 | 0.00097 |
| 50-29-3 | 4,4'-DDT | 0.00506 | | 0.0050 | 0.0030 | 0.0016 |
| 309-00-2 | Aldrin | 0.00539 | | 0.0050 | 0.0010 | 0.00082 |
| 319-84-6 | alpha-BHC | 0.00519 | | 0.0050 | 0.0010 | 0.00070 |
| 5103-71-9 | alpha-Chlordane | 0.00565 | | 0.0050 | 0.0010 | 0.0014 |
| 319-85-7 | beta-BHC | 0.00589 | | 0.0050 | 0.0010 | 0.00084 |
| 319-86-8 | delta-BHC | 0.00528 | | 0.0050 | 0.0010 | 0.00087 |
| 60-57-1 | Dieldrin | 0.00577 | | 0.0050 | 0.0010 | 0.00075 |
| 959-98-8 | Endosulfan I | 0.00609 | | 0.0050 | 0.0010 | 0.0013 |
| 33213-65-9 | Endosulfan II | 0.00597 | | 0.0050 | 0.0010 | 0.0012 |
| 1031-07-8 | Endosulfan sulfate | 0.00585 | | 0.0050 | 0.0010 | 0.0011 |
| 72-20-8 | Endrin | 0.00614 | | 0.0050 | 0.0010 | 0.0011 |
| 7421-93-4 | Endrin aldehyde | 0.00595 | | 0.0050 | 0.0010 | 0.0011 |
| 53494-70-5 | Endrin ketone | 0.00593 | | 0.0050 | 0.0010 | 0.00078 |
| 58-89-9 | gamma-BHC (Lindane) | 0.00546 | | 0.0050 | 0.0010 | 0.00064 |
| 5103-74-2 | gamma-Chlordane | 0.00566 | | 0.0050 | 0.0010 | 0.0012 |
| 76-44-8 | Heptachlor | 0.00599 | | 0.0050 | 0.0010 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.00592 | | 0.0050 | 0.0010 | 0.00071 |
| 72-43-5 | Methoxychlor | 0.00558 | J | 0.010 | 0.0030 | 0.0032 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 11:51:26 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69152 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:36:35

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.500 | | | | | | |
| 2 | 100 | | 4.091 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.009 | | | | | | |
| 1 | 2 | | 4.188 | | | | | | |
| 2 | 100 | | 4.664 | | | | | | |
| 2 | 2 | | 4.769 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 4.012 | | | | | | |
| 2 | 100 | | 4.758 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.183 | 0.000 | 17757959 | 0.005190 | | | |
| 2 | 100 | 4.916 | 4.917 | -0.001 | 57370491 | 0.005312 | | | |
| | | | | | | RPD = 2.33 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.559 | 0.001 | 15912812 | 0.005461 | | | |
| 2 | 100 | 5.471 | 5.472 | -0.001 | 52999563 | 0.005906 | | | |
| | | | | | | RPD = 7.82 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 7368182 | 0.005893 | | | |
| 2 | 100 | 5.648 | 5.649 | -0.001 | 25553767 | 0.006774 | | | |
| | | | | | | RPD = 13.90 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.904 | 0.001 | 16176106 | 0.005283 | | | |
| 2 | 100 | 6.197 | 6.198 | -0.001 | 53516394 | 0.005677 | | | |
| | | | | | | RPD = 7.18 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.072 | | | | | | |
| 1 | 2 | | 5.927 | | | | | | |
| 1 | 3 | | 7.169 | | | | | | |
| 1 | 4 | | 7.517 | | | | | | |
| 2 | 100 | | 6.001 | | | | | | |
| 2 | 2 | | 7.502 | | | | | | |
| 2 | 3 | | 8.925 | | | | | | |
| 2 | 4 | | 9.240 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.186 | 0.000 | 15894415 | 0.005987 | | | |
| 2 | 100 | 6.295 | 6.296 | -0.001 | 53257843 | 0.006693 | | | |
| | | | | | | RPD = 11.15 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.637 | 5.636 | 0.001 | 17196249 | 0.005391 | | | |
| 2 | 100 | 7.011 | 7.012 | -0.001 | 51246938 | 0.005790 | | | |
| | | | | | | RPD = 7.14 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.304 | | | | | | |
| 2 | 100 | | 8.124 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.865 | 6.865 | 0.000 | 15266573 | 0.005915 | | | |
| 2 | 100 | 8.498 | 8.499 | -0.001 | 47751040 | 0.006547 | | | |
| | | | | | | RPD = 10.14 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.170 | 0.001 | 15908732 | 0.005661 | | | |
| 2 | 100 | 8.926 | 8.926 | 0.000 | 47544425 | 0.006366 | | | |
| | | | | | | RPD = 11.72 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.521 | 7.520 | 0.001 | 16462140 | 0.005648 | | | |
| 2 | 100 | 9.238 | 9.239 | -0.001 | 48436621 | 0.006406 | | | |
| | | | | | | RPD = 12.58 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.800 | 0.000 | 14792108 | 0.006087 | | | |
| 2 | 100 | 9.300 | 9.298 | 0.002 | 42405263 | 0.006846 | | | |
| | | | | | | RPD = 11.75 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.901 | 7.902 | -0.001 | 16257067 | 0.005447 | | | |
| 2 | 100 | 9.699 | 9.698 | 0.001 | 44756273 | 0.005968 | | | |
| | | | | | | RPD = 9.13 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.365 | 8.366 | -0.001 | 14407923 | 0.005769 | | | |
| 2 | 100 | 9.835 | 9.835 | 0.000 | 43413115 | 0.006377 | | | |
| | | | | | | RPD = 10.02 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.824 | 0.001 | 13924323 | 0.006145 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 40995849 | 0.006480 | | | |
| | | | | | | RPD = 5.31 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 9.002 | | | | | | |
| 2 | 100 | | 10.667 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.187 | 9.185 | 0.002 | 10662846 | 0.005806 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 68422499 | 0.006341 | | | |
| | | | | | | RPD = 8.82 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.231 | | | | | | |
| 2 | 100 | | 10.524 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.274 | 0.000 | 14078070 | 0.005965 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 68422499 | 0.006254 | | | |
| | | | | | | RPD = 4.72 | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.505 | | | | | | |
| 1 | 2 | | 9.950 | | | | | | |
| 1 | 3 | | 10.016 | | | | | | |
| 1 | 4 | | 10.601 | | | | | | |
| 1 | 5 | | 11.167 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.441 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.708 | 0.002 | 10092294 | 0.005060 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 24889073 | 0.005049 | | | |
| | | | | | | RPD = 0.21 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.068 | 0.002 | 10701425 | 0.005946 | | | |
| 2 | 100 | 11.303 | 11.302 | 0.001 | 30560494 | 0.006459 | | | |
| | | | | | | RPD = 8.26 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.659 | 0.001 | 5218452 | 0.005579 | | | |
| 2 | 100 | 12.293 | 12.292 | 0.001 | 13156067 | 0.005286 | | | |
| | | | | | | RPD = 5.39 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.791 | 10.791 | 0.000 | 12696546 | 0.005850 | | | |
| 2 | 100 | 11.735 | 11.736 | -0.001 | 34579961 | 0.006106 | | | |
| | | | | | | RPD = 4.30 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.191 | 11.192 | -0.001 | 13298447 | 0.005926 | | | |
| 2 | 100 | 12.474 | 12.473 | 0.001 | 33975671 | 0.005890 | | | |
| | | | | | | RPD = 0.60 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.803 | | | | | | |
| 2 | 100 | | 14.251 | | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

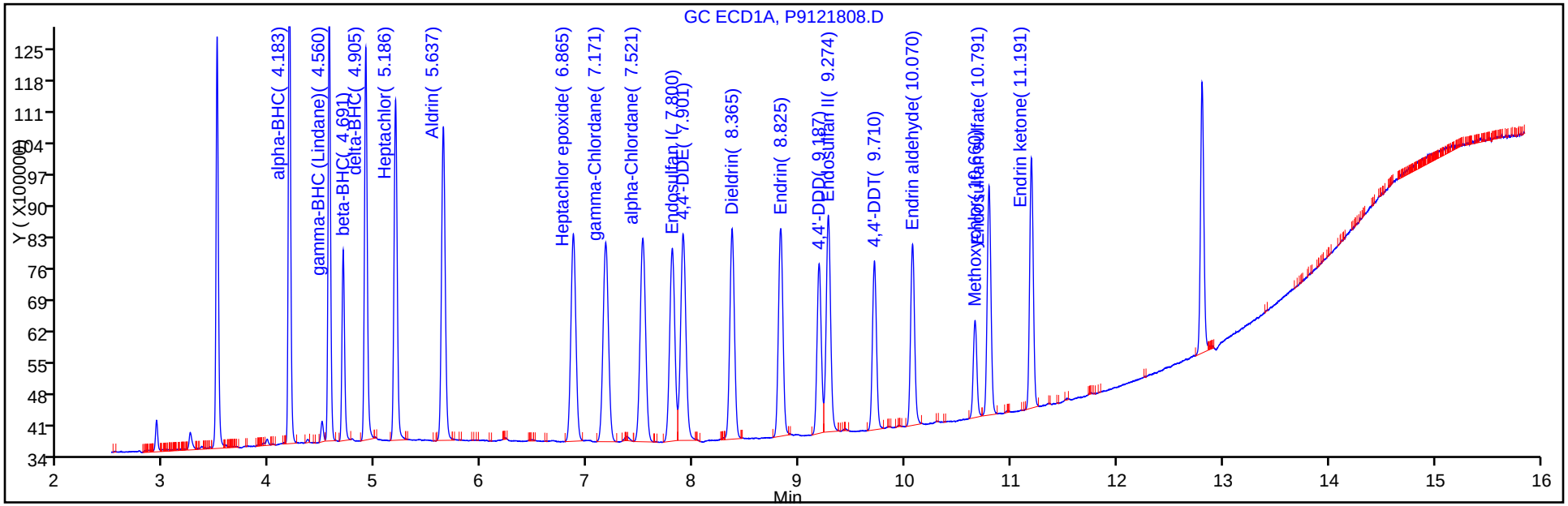
Report Date: 19-Dec-2012 12:50:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

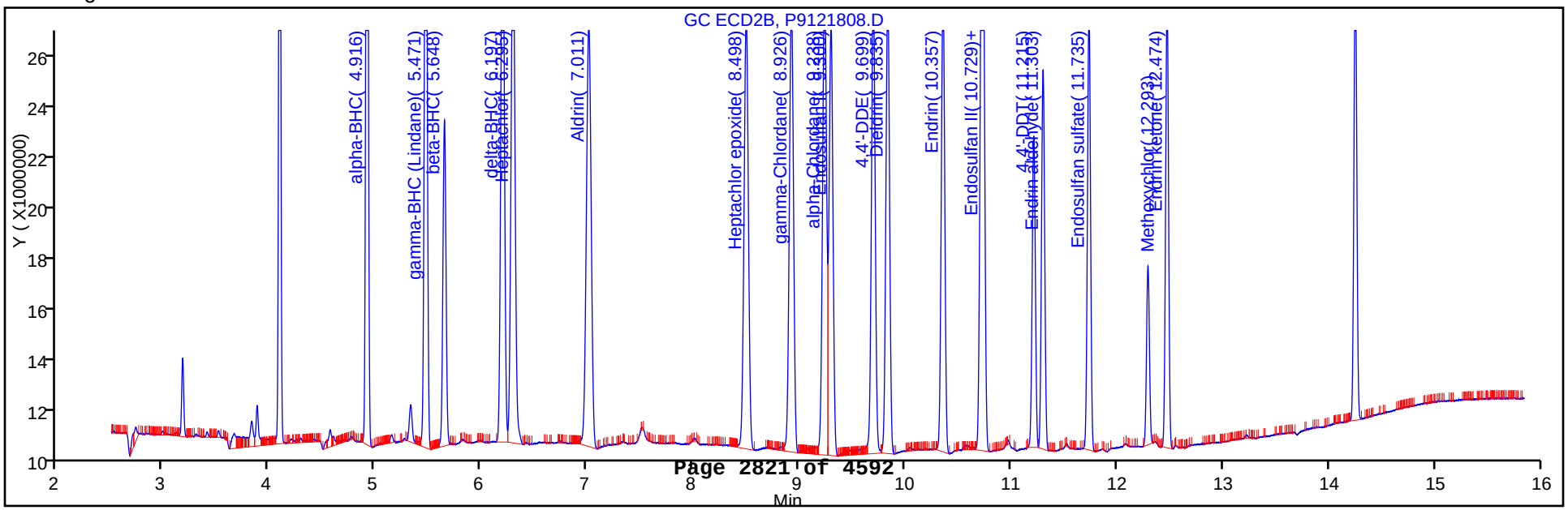
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 11:51:26 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/8

Matrix: Water | Lab File ID: P9121808.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 11:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.00634* | | *0.0050* | 0.0010 | *0.00096* |
| *72-55-9* | *4,4'-DDE* | *0.00597* | | *0.0050* | 0.0010 | *0.00097* |
| *50-29-3* | *4,4'-DDT* | *0.00505* | | *0.0050* | 0.0030 | *0.0016* |
| *309-00-2* | *Aldrin* | *0.00579* | | *0.0050* | 0.0010 | *0.00082* |
| *319-84-6* | *alpha-BHC* | *0.00531* | | *0.0050* | 0.0010 | *0.00070* |
| *5103-71-9* | *alpha-Chlordane* | *0.00641* | | *0.0050* | 0.0010 | *0.0014* |
| *319-85-7* | *beta-BHC* | *0.00677* | ^ | *0.0050* | 0.0010 | *0.00084* |
| *319-86-8* | *delta-BHC* | *0.00568* | | *0.0050* | 0.0010 | *0.00087* |
| *60-57-1* | *Dieldrin* | *0.00638* | | *0.0050* | 0.0010 | *0.00075* |
| *959-98-8* | *Endosulfan I* | *0.00685* | ^ | *0.0050* | 0.0010 | *0.0013* |
| *33213-65-9* | *Endosulfan II* | *0.00625* | | *0.0050* | 0.0010 | *0.0012* |
| *1031-07-8* | *Endosulfan sulfate* | *0.00611* | | *0.0050* | 0.0010 | *0.0011* |
| *72-20-8* | *Endrin* | *0.00648* | | *0.0050* | 0.0010 | *0.0011* |
| *7421-93-4* | *Endrin aldehyde* | *0.00646* | | *0.0050* | 0.0010 | *0.0011* |
| *53494-70-5* | *Endrin ketone* | *0.00589* | | *0.0050* | 0.0010 | *0.00078* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.00591* | | *0.0050* | 0.0010 | *0.00064* |
| *5103-74-2* | *gamma-Chlordane* | *0.00637* | | *0.0050* | 0.0010 | *0.0012* |
| *76-44-8* | *Heptachlor* | *0.00669* | ^ | *0.0050* | 0.0010 | *0.00080* |
| *1024-57-3* | *Heptachlor epoxide* | *0.00655* | ^ | *0.0050* | 0.0010 | *0.00071* |
| *72-43-5* | *Methoxychlor* | *0.00529* | *J* | *0.010* | 0.0030 | *0.0032* |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 11:51:26 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69152 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:36:35

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.500 | | | | | | |
| 2 | 100 | | 4.091 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.009 | | | | | | |
| 1 | 2 | | 4.188 | | | | | | |
| 2 | 100 | | 4.664 | | | | | | |
| 2 | 2 | | 4.769 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 4.012 | | | | | | |
| 2 | 100 | | 4.758 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.183 | 0.000 | 17757959 | 0.005190 | | | |
| 2 | 100 | 4.916 | 4.917 | -0.001 | 57370491 | 0.005312 | | | |
| | | | | | | RPD = 2.33 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.560 | 4.559 | 0.001 | 15912812 | 0.005461 | | | |
| 2 | 100 | 5.471 | 5.472 | -0.001 | 52999563 | 0.005906 | | | |
| | | | | | | RPD = 7.82 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.691 | 4.691 | 0.000 | 7368182 | 0.005893 | | | |
| 2 | 100 | 5.648 | 5.649 | -0.001 | 25553767 | 0.006774 | | | |
| | | | | | | RPD = 13.90 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.905 | 4.904 | 0.001 | 16176106 | 0.005283 | | | |
| 2 | 100 | 6.197 | 6.198 | -0.001 | 53516394 | 0.005677 | | | |
| | | | | | | RPD = 7.18 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.072 | | | | | | |
| 1 | 2 | | 5.927 | | | | | | |
| 1 | 3 | | 7.169 | | | | | | |
| 1 | 4 | | 7.517 | | | | | | |
| 2 | 100 | | 6.001 | | | | | | |
| 2 | 2 | | 7.502 | | | | | | |
| 2 | 3 | | 8.925 | | | | | | |
| 2 | 4 | | 9.240 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.186 | 5.186 | 0.000 | 15894415 | 0.005987 | | | |
| 2 | 100 | 6.295 | 6.296 | -0.001 | 53257843 | 0.006693 | | | |
| | | | | | | RPD = 11.15 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.637 | 5.636 | 0.001 | 17196249 | 0.005391 | | | |
| 2 | 100 | 7.011 | 7.012 | -0.001 | 51246938 | 0.005790 | | | |
| | | | | | | RPD = 7.14 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.304 | | | | | | |
| 2 | 100 | | 8.124 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.865 | 6.865 | 0.000 | 15266573 | 0.005915 | | | |
| 2 | 100 | 8.498 | 8.499 | -0.001 | 47751040 | 0.006547 | | | |
| | | | | | | RPD = 10.14 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.170 | 0.001 | 15908732 | 0.005661 | | | |
| 2 | 100 | 8.926 | 8.926 | 0.000 | 47544425 | 0.006366 | | | |
| | | | | | | RPD = 11.72 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.521 | 7.520 | 0.001 | 16462140 | 0.005648 | | | |
| 2 | 100 | 9.238 | 9.239 | -0.001 | 48436621 | 0.006406 | | | |
| | | | | | | RPD = 12.58 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.800 | 7.800 | 0.000 | 14792108 | 0.006087 | | | |
| 2 | 100 | 9.300 | 9.298 | 0.002 | 42405263 | 0.006846 | | | |
| | | | | | | RPD = 11.75 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.901 | 7.902 | -0.001 | 16257067 | 0.005447 | | | |
| 2 | 100 | 9.699 | 9.698 | 0.001 | 44756273 | 0.005968 | | | |
| | | | | | | RPD = 9.13 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.365 | 8.366 | -0.001 | 14407923 | 0.005769 | | | |
| 2 | 100 | 9.835 | 9.835 | 0.000 | 43413115 | 0.006377 | | | |
| | | | | | | RPD = 10.02 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.825 | 8.824 | 0.001 | 13924323 | 0.006145 | | | |
| 2 | 100 | 10.357 | 10.357 | 0.000 | 40995849 | 0.006480 | | | |
| | | | | | | RPD = 5.31 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 9.002 | | | | | | |
| 2 | 100 | | 10.667 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.187 | 9.185 | 0.002 | 10662846 | 0.005806 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 68422499 | 0.006341 | | | |
| | | | | | | RPD = 8.82 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.231 | | | | | | |
| 2 | 100 | | 10.524 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.274 | 0.000 | 14078070 | 0.005965 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 68422499 | 0.006254 | | | |
| | | | | | | RPD = 4.72 | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.505 | | | | | | |
| 1 | 2 | | 9.950 | | | | | | |
| 1 | 3 | | 10.016 | | | | | | |
| 1 | 4 | | 10.601 | | | | | | |
| 1 | 5 | | 11.167 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.441 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.710 | 9.708 | 0.002 | 10092294 | 0.005060 | | | |
| 2 | 100 | 11.215 | 11.215 | 0.000 | 24889073 | 0.005049 | | | |
| | | | | | | RPD = 0.21 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.070 | 10.068 | 0.002 | 10701425 | 0.005946 | | | |
| 2 | 100 | 11.303 | 11.302 | 0.001 | 30560494 | 0.006459 | | | |
| | | | | | | RPD = 8.26 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.660 | 10.659 | 0.001 | 5218452 | 0.005579 | | | |
| 2 | 100 | 12.293 | 12.292 | 0.001 | 13156067 | 0.005286 | | | |
| | | | | | | RPD = 5.39 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.791 | 10.791 | 0.000 | 12696546 | 0.005850 | | | |
| 2 | 100 | 11.735 | 11.736 | -0.001 | 34579961 | 0.006106 | | | |
| | | | | | | RPD = 4.30 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.191 | 11.192 | -0.001 | 13298447 | 0.005926 | | | |
| 2 | 100 | 12.474 | 12.473 | 0.001 | 33975671 | 0.005890 | | | |
| | | | | | | RPD = 0.60 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.803 | | | | | | |
| 2 | 100 | | 14.251 | | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

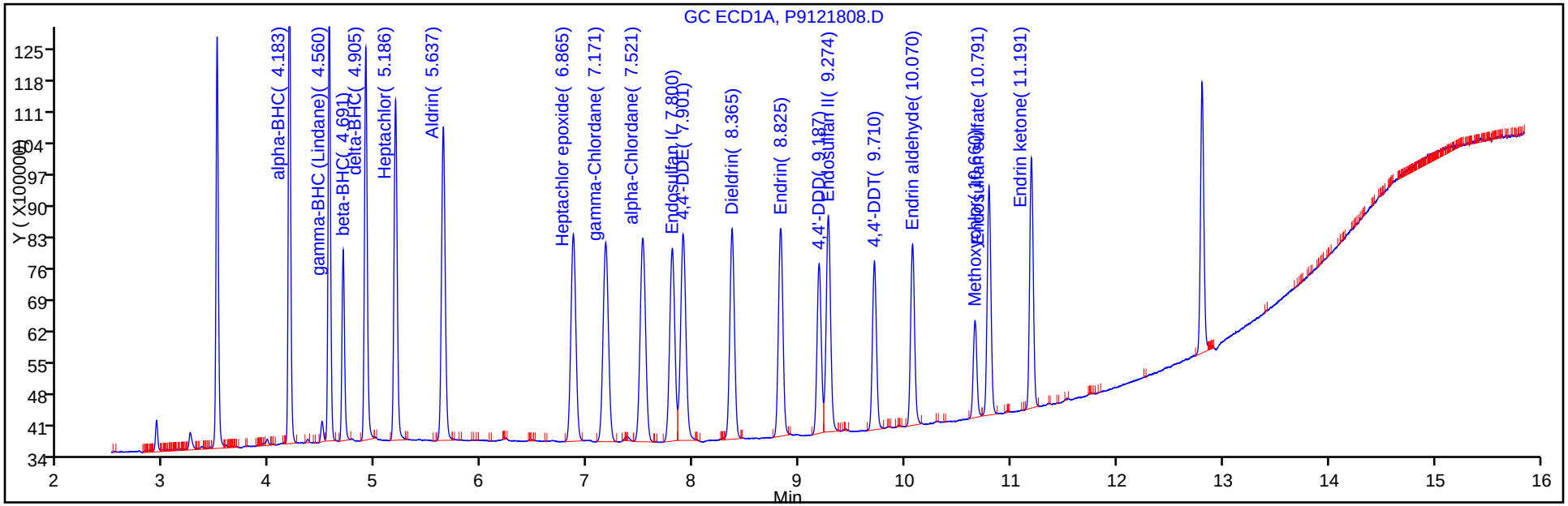
Report Date: 19-Dec-2012 12:50:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

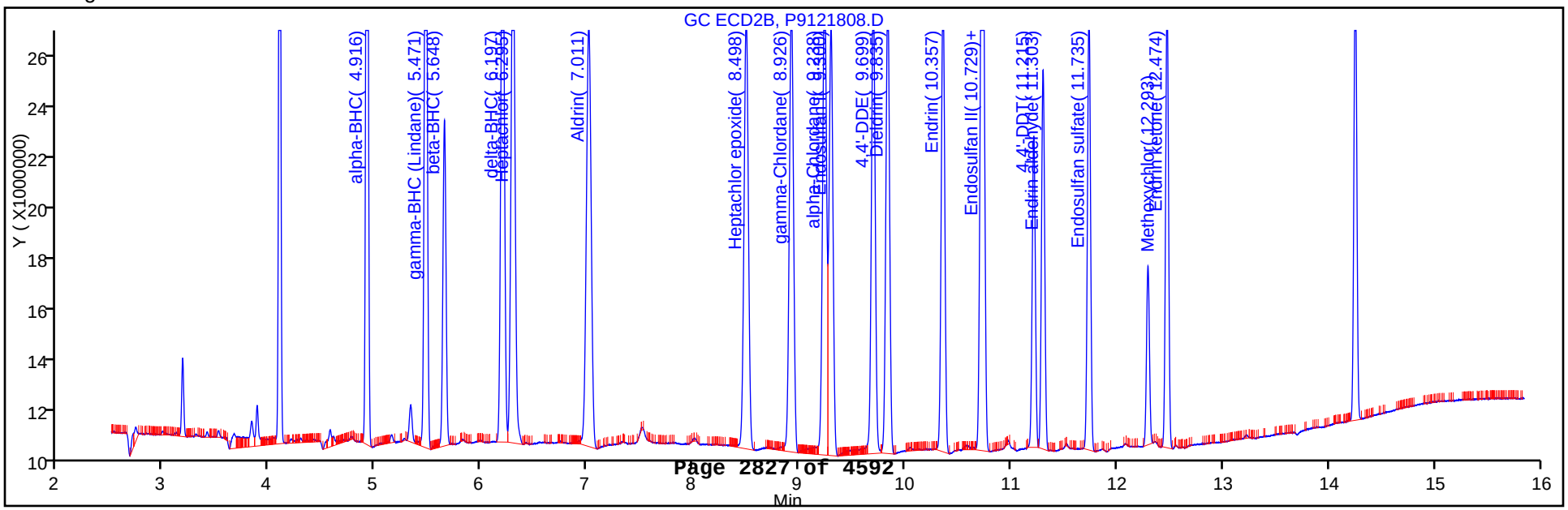
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 11:51:26 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 8 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/22

Matrix: Water | Lab File ID: P9121822.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 18:17

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.00506 | | 0.0050 | 0.0010 | 0.00096 |
| 72-55-9 | 4,4'-DDE | 0.00492 | J | 0.0050 | 0.0010 | 0.00097 |
| 50-29-3 | 4,4'-DDT | 0.00437 | J | 0.0050 | 0.0030 | 0.0016 |
| 309-00-2 | Aldrin | 0.00481 | J | 0.0050 | 0.0010 | 0.00082 |
| 319-84-6 | alpha-BHC | 0.00463 | J | 0.0050 | 0.0010 | 0.00070 |
| 5103-71-9 | alpha-Chlordane | 0.00491 | J | 0.0050 | 0.0010 | 0.0014 |
| 319-85-7 | beta-BHC | 0.00513 | | 0.0050 | 0.0010 | 0.00084 |
| 319-86-8 | delta-BHC | 0.00465 | J | 0.0050 | 0.0010 | 0.00087 |
| 60-57-1 | Dieldrin | 0.00499 | J | 0.0050 | 0.0010 | 0.00075 |
| 959-98-8 | Endosulfan I | 0.00533 | | 0.0050 | 0.0010 | 0.0013 |
| 33213-65-9 | Endosulfan II | 0.00514 | | 0.0050 | 0.0010 | 0.0012 |
| 1031-07-8 | Endosulfan sulfate | 0.00503 | | 0.0050 | 0.0010 | 0.0011 |
| 72-20-8 | Endrin | 0.00530 | | 0.0050 | 0.0010 | 0.0011 |
| 7421-93-4 | Endrin aldehyde | 0.00519 | | 0.0050 | 0.0010 | 0.0011 |
| 53494-70-5 | Endrin ketone | 0.00512 | | 0.0050 | 0.0010 | 0.00078 |
| 58-89-9 | gamma-BHC (Lindane) | 0.00480 | J | 0.0050 | 0.0010 | 0.00064 |
| 5103-74-2 | gamma-Chlordane | 0.00492 | J | 0.0050 | 0.0010 | 0.0012 |
| 76-44-8 | Heptachlor | 0.00526 | | 0.0050 | 0.0010 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.00510 | | 0.0050 | 0.0010 | 0.00071 |
| 72-43-5 | Methoxychlor | 0.00467 | J | 0.010 | 0.0030 | 0.0032 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 18:17:15 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 69152 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:49:23

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.501 | | | | | | |
| 2 | 100 | | 4.091 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.009 | | | | | | |
| 1 | 2 | | 4.188 | | | | | | |
| 2 | 100 | | 4.664 | | | | | | |
| 2 | 2 | | 4.769 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 4.012 | | | | | | |
| 2 | 100 | | 4.758 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.184 | -0.001 | 15851237 | 0.004633 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 49399462 | 0.004574 | | | |
| | | | | | | RPD = 1.28 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.560 | -0.001 | 13975471 | 0.004796 | | | |
| 2 | 100 | 5.473 | 5.473 | 0.000 | 44790000 | 0.004991 | | | |
| | | | | | | RPD = 3.98 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.691 | -0.001 | 6416526 | 0.005132 | | | |
| 2 | 100 | 5.649 | 5.649 | 0.000 | 21293559 | 0.005645 | | | |
| | | | | | | RPD = 9.51 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.905 | -0.001 | 14230335 | 0.004648 | | | |
| 2 | 100 | 6.199 | 6.199 | 0.000 | 45667205 | 0.004844 | | | |
| | | | | | | RPD = 4.13 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.072 | | | | | | |
| 1 | 2 | | 5.928 | | | | | | |
| 1 | 3 | | 7.171 | | | | | | |
| 1 | 4 | | 7.516 | | | | | | |
| 2 | 100 | | 6.002 | | | | | | |
| 2 | 2 | | 7.504 | | | | | | |
| 2 | 3 | | 8.926 | | | | | | |
| 2 | 4 | | 9.239 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.185 | 5.186 | -0.001 | 13957203 | 0.005257 | | | |
| 2 | 100 | 6.297 | 6.298 | -0.001 | 45031305 | 0.005659 | | | |
| | | | | | | RPD = 7.37 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.638 | 5.636 | 0.002 | 15351526 | 0.004813 | | | |
| 2 | 100 | 7.014 | 7.013 | 0.001 | 43864988 | 0.004956 | | | |
| | | | | | | RPD = 2.94 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.304 | | | | | | |
| 2 | 100 | | 8.124 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.866 | 0.000 | 13167220 | 0.005102 | | | |
| 2 | 100 | 8.501 | 8.500 | 0.001 | 40114608 | 0.005500 | | | |
| | | | | | | RPD = 7.51 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.171 | 0.000 | 13814967 | 0.004916 | | | |
| 2 | 100 | 8.927 | 8.927 | 0.000 | 39883962 | 0.005340 | | | |
| | | | | | | RPD = 8.27 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.524 | 7.521 | 0.003 | 14323444 | 0.004914 | | | |
| 2 | 100 | 9.240 | 9.240 | 0.000 | 40832632 | 0.005401 | | | |
| | | | | | | RPD = 9.43 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.799 | 7.800 | -0.001 | 12960950 | 0.005333 | | | |
| 2 | 100 | 9.299 | 9.301 | -0.002 | 36032999 | 0.005818 | | | |
| | | | | | | RPD = 8.69 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.903 | 0.001 | 14694804 | 0.004923 | | | |
| 2 | 100 | 9.699 | 9.700 | -0.001 | 38992182 | 0.005199 | | | |
| | | | | | | RPD = 5.45 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.367 | 8.366 | 0.001 | 12468270 | 0.004992 | | | |
| 2 | 100 | 9.837 | 9.836 | 0.001 | 36544820 | 0.005368 | | | |
| | | | | | | RPD = 7.26 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.824 | 8.825 | -0.001 | 12015299 | 0.005302 | | | |
| 2 | 100 | 10.359 | 10.357 | 0.002 | 34346899 | 0.005429 | | | |
| | | | | | | RPD = 2.36 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 9.002 | | | | | | |
| 2 | 100 | | 10.667 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 9287675 | 0.005057 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 57147203 | 0.005296 | | | |
| | | | | | | RPD = 4.62 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.231 | | | | | | |
| 2 | 100 | | 10.524 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.275 | -0.001 | 12123976 | 0.005137 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 57147203 | 0.005223 | | | |
| | | | | | | RPD = 1.65 | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.503 | | | | | | |
| 1 | 2 | | 9.951 | | | | | | |
| 1 | 3 | | 10.019 | | | | | | |
| 1 | 4 | | 10.603 | | | | | | |
| 1 | 5 | | 11.168 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.440 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.709 | 0.000 | 8711251 | 0.004368 | | | |
| 2 | 100 | 11.216 | 11.215 | 0.001 | 20695040 | 0.004199 | | | |
| | | | | | | RPD = 3.94 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.071 | -0.002 | 9334554 | 0.005187 | | | |
| 2 | 100 | 11.304 | 11.302 | 0.002 | 25610697 | 0.005413 | | | |
| | | | | | | RPD = 4.26 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.660 | -0.001 | 4363823 | 0.004666 | | | |
| 2 | 100 | 12.295 | 12.293 | 0.002 | 10911176 | 0.004384 | | | |
| | | | | | | RPD = 6.22 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.792 | 10.793 | -0.001 | 10907588 | 0.005025 | | | |
| 2 | 100 | 11.738 | 11.736 | 0.002 | 28613345 | 0.005053 | | | |
| | | | | | | RPD = 0.54 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.193 | 0.001 | 11497499 | 0.005123 | | | |
| 2 | 100 | 12.474 | 12.473 | 0.001 | 27490216 | 0.004766 | | | |
| | | | | | | RPD = 7.23 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.805 | | | | | | |
| 2 | 100 | | 14.252 | | | | | | |

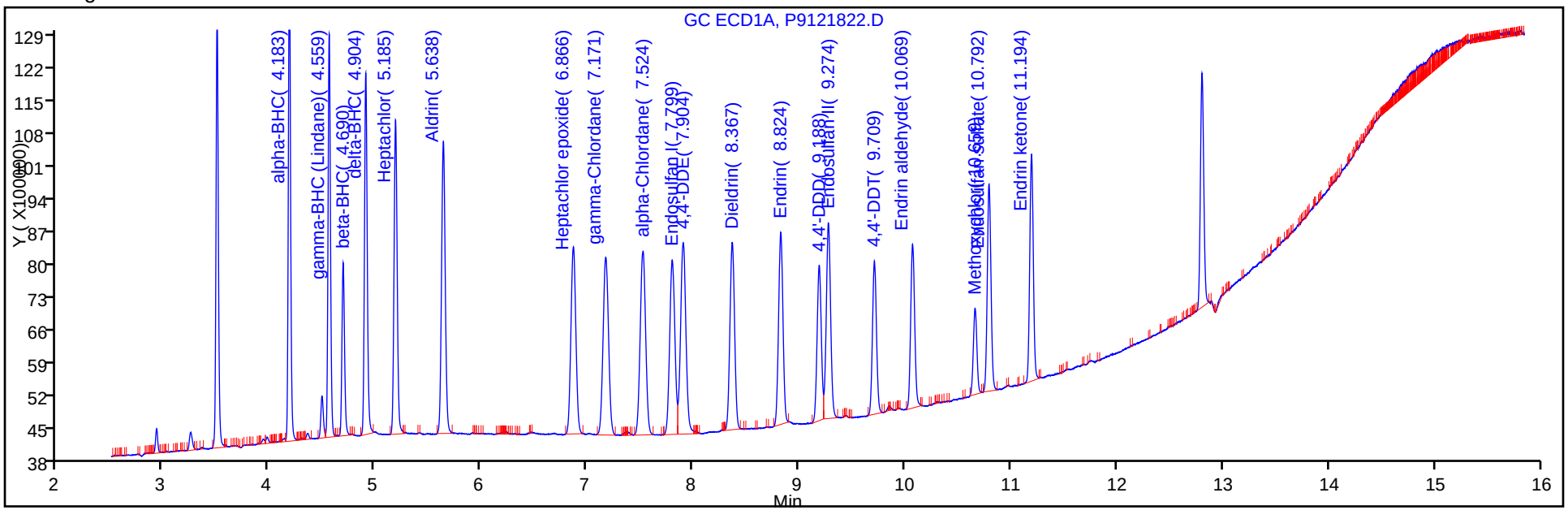
Report Date: 19-Dec-2012 12:50:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

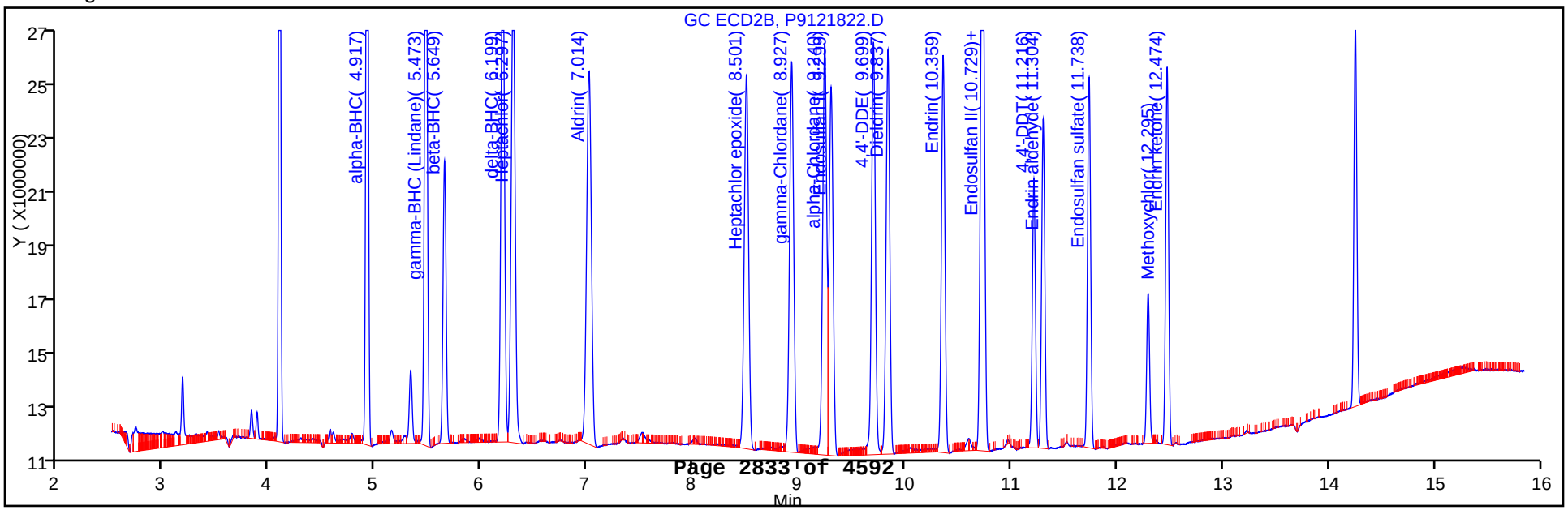
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 18:17:15 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 22 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/22

Matrix: Water | Lab File ID: P9121822.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 18:17

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69152 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.00530* | | *0.0050* | 0.0010 | *0.00096* |
| *72-55-9* | *4,4'-DDE* | *0.00520* | | *0.0050* | 0.0010 | *0.00097* |
| *50-29-3* | *4,4'-DDT* | *0.00420* | *J* | *0.0050* | 0.0030 | *0.0016* |
| *309-00-2* | *Aldrin* | *0.00496* | *J* | *0.0050* | 0.0010 | *0.00082* |
| *319-84-6* | *alpha-BHC* | *0.00457* | *J* | *0.0050* | 0.0010 | *0.00070* |
| *5103-71-9* | *alpha-Chlordane* | *0.00540* | | *0.0050* | 0.0010 | *0.0014* |
| *319-85-7* | *beta-BHC* | *0.00564* | | *0.0050* | 0.0010 | *0.00084* |
| *319-86-8* | *delta-BHC* | *0.00484* | *J* | *0.0050* | 0.0010 | *0.00087* |
| *60-57-1* | *Dieldrin* | *0.00537* | | *0.0050* | 0.0010 | *0.00075* |
| *959-98-8* | *Endosulfan I* | *0.00582* | | *0.0050* | 0.0010 | *0.0013* |
| *33213-65-9* | *Endosulfan II* | *0.00522* | | *0.0050* | 0.0010 | *0.0012* |
| *1031-07-8* | *Endosulfan sulfate* | *0.00505* | | *0.0050* | 0.0010 | *0.0011* |
| *72-20-8* | *Endrin* | *0.00543* | | *0.0050* | 0.0010 | *0.0011* |
| *7421-93-4* | *Endrin aldehyde* | *0.00541* | | *0.0050* | 0.0010 | *0.0011* |
| *53494-70-5* | *Endrin ketone* | *0.00477* | *J* | *0.0050* | 0.0010 | *0.00078* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.00499* | *J* | *0.0050* | 0.0010 | *0.00064* |
| *5103-74-2* | *gamma-Chlordane* | *0.00534* | | *0.0050* | 0.0010 | *0.0012* |
| *76-44-8* | *Heptachlor* | *0.00566* | | *0.0050* | 0.0010 | *0.00080* |
| *1024-57-3* | *Heptachlor epoxide* | *0.00550* | | *0.0050* | 0.0010 | *0.00071* |
| *72-43-5* | *Methoxychlor* | *0.00438* | *J* | *0.010* | 0.0030 | *0.0032* |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 18:17:15 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 69152 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:49:23

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.501 | | | | | | |
| 2 | 100 | | 4.091 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.009 | | | | | | |
| 1 | 2 | | 4.188 | | | | | | |
| 2 | 100 | | 4.664 | | | | | | |
| 2 | 2 | | 4.769 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 4.012 | | | | | | |
| 2 | 100 | | 4.758 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.183 | 4.184 | -0.001 | 15851237 | 0.004633 | | | |
| 2 | 100 | 4.917 | 4.917 | 0.000 | 49399462 | 0.004574 | | | |
| | | | | | | RPD = 1.28 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.559 | 4.560 | -0.001 | 13975471 | 0.004796 | | | |
| 2 | 100 | 5.473 | 5.473 | 0.000 | 44790000 | 0.004991 | | | |
| | | | | | | RPD = 3.98 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.690 | 4.691 | -0.001 | 6416526 | 0.005132 | | | |
| 2 | 100 | 5.649 | 5.649 | 0.000 | 21293559 | 0.005645 | | | |
| | | | | | | RPD = 9.51 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.904 | 4.905 | -0.001 | 14230335 | 0.004648 | | | |
| 2 | 100 | 6.199 | 6.199 | 0.000 | 45667205 | 0.004844 | | | |
| | | | | | | RPD = 4.13 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.072 | | | | | | |
| 1 | 2 | | 5.928 | | | | | | |
| 1 | 3 | | 7.171 | | | | | | |
| 1 | 4 | | 7.516 | | | | | | |
| 2 | 100 | | 6.002 | | | | | | |
| 2 | 2 | | 7.504 | | | | | | |
| 2 | 3 | | 8.926 | | | | | | |
| 2 | 4 | | 9.239 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.185 | 5.186 | -0.001 | 13957203 | 0.005257 | | | |
| 2 | 100 | 6.297 | 6.298 | -0.001 | 45031305 | 0.005659 | | | |
| | | | | | | RPD = 7.37 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.638 | 5.636 | 0.002 | 15351526 | 0.004813 | | | |
| 2 | 100 | 7.014 | 7.013 | 0.001 | 43864988 | 0.004956 | | | |
| | | | | | | RPD = 2.94 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.304 | | | | | | |
| 2 | 100 | | 8.124 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.866 | 6.866 | 0.000 | 13167220 | 0.005102 | | | |
| 2 | 100 | 8.501 | 8.500 | 0.001 | 40114608 | 0.005500 | | | |
| | | | | | | RPD = 7.51 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.171 | 7.171 | 0.000 | 13814967 | 0.004916 | | | |
| 2 | 100 | 8.927 | 8.927 | 0.000 | 39883962 | 0.005340 | | | |
| | | | | | | RPD = 8.27 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.524 | 7.521 | 0.003 | 14323444 | 0.004914 | | | |
| 2 | 100 | 9.240 | 9.240 | 0.000 | 40832632 | 0.005401 | | | |
| | | | | | | RPD = 9.43 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.799 | 7.800 | -0.001 | 12960950 | 0.005333 | | | |
| 2 | 100 | 9.299 | 9.301 | -0.002 | 36032999 | 0.005818 | | | |
| | | | | | | RPD = 8.69 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.904 | 7.903 | 0.001 | 14694804 | 0.004923 | | | |
| 2 | 100 | 9.699 | 9.700 | -0.001 | 38992182 | 0.005199 | | | |
| | | | | | | RPD = 5.45 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.367 | 8.366 | 0.001 | 12468270 | 0.004992 | | | |
| 2 | 100 | 9.837 | 9.836 | 0.001 | 36544820 | 0.005368 | | | |
| | | | | | | RPD = 7.26 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.824 | 8.825 | -0.001 | 12015299 | 0.005302 | | | |
| 2 | 100 | 10.359 | 10.357 | 0.002 | 34346899 | 0.005429 | | | |
| | | | | | | RPD = 2.36 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 9.002 | | | | | | |
| 2 | 100 | | 10.667 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | |
| 1 | 100 | 9.188 | 9.188 | 0.000 | 9287675 | 0.005057 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 57147203 | 0.005296 | | | |
| | | | | | | RPD = 4.62 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.231 | | | | | | |
| 2 | 100 | | 10.524 | | | | | | |
| 15 Endosulfan II | | | | | | | | | |
| 1 | 100 | 9.274 | 9.275 | -0.001 | 12123976 | 0.005137 | | | |
| 2 | 100 | 10.729 | 10.728 | 0.001 | 57147203 | 0.005223 | | | |
| | | | | | | RPD = 1.65 | | | |
| 30 Toxaphene | | | | | | | | | |
| 1 | 100 | | 9.503 | | | | | | |
| 1 | 2 | | 9.951 | | | | | | |
| 1 | 3 | | 10.019 | | | | | | |
| 1 | 4 | | 10.603 | | | | | | |
| 1 | 5 | | 11.168 | | | | | | |
| 2 | 100 | | 10.893 | | | | | | |
| 2 | 2 | | 11.440 | | | | | | |
| 2 | 3 | | 11.843 | | | | | | |
| 2 | 4 | | 12.071 | | | | | | |
| 2 | 5 | | 12.458 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.709 | 9.709 | 0.000 | 8711251 | 0.004368 | | | |
| 2 | 100 | 11.216 | 11.215 | 0.001 | 20695040 | 0.004199 | | | |
| | | | | | | RPD = 3.94 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.069 | 10.071 | -0.002 | 9334554 | 0.005187 | | | |
| 2 | 100 | 11.304 | 11.302 | 0.002 | 25610697 | 0.005413 | | | |
| | | | | | | RPD = 4.26 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.659 | 10.660 | -0.001 | 4363823 | 0.004666 | | | |
| 2 | 100 | 12.295 | 12.293 | 0.002 | 10911176 | 0.004384 | | | |
| | | | | | | RPD = 6.22 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.792 | 10.793 | -0.001 | 10907588 | 0.005025 | | | |
| 2 | 100 | 11.738 | 11.736 | 0.002 | 28613345 | 0.005053 | | | |
| | | | | | | RPD = 0.54 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.194 | 11.193 | 0.001 | 11497499 | 0.005123 | | | |
| 2 | 100 | 12.474 | 12.473 | 0.001 | 27490216 | 0.004766 | | | |
| | | | | | | RPD = 7.23 | | | |

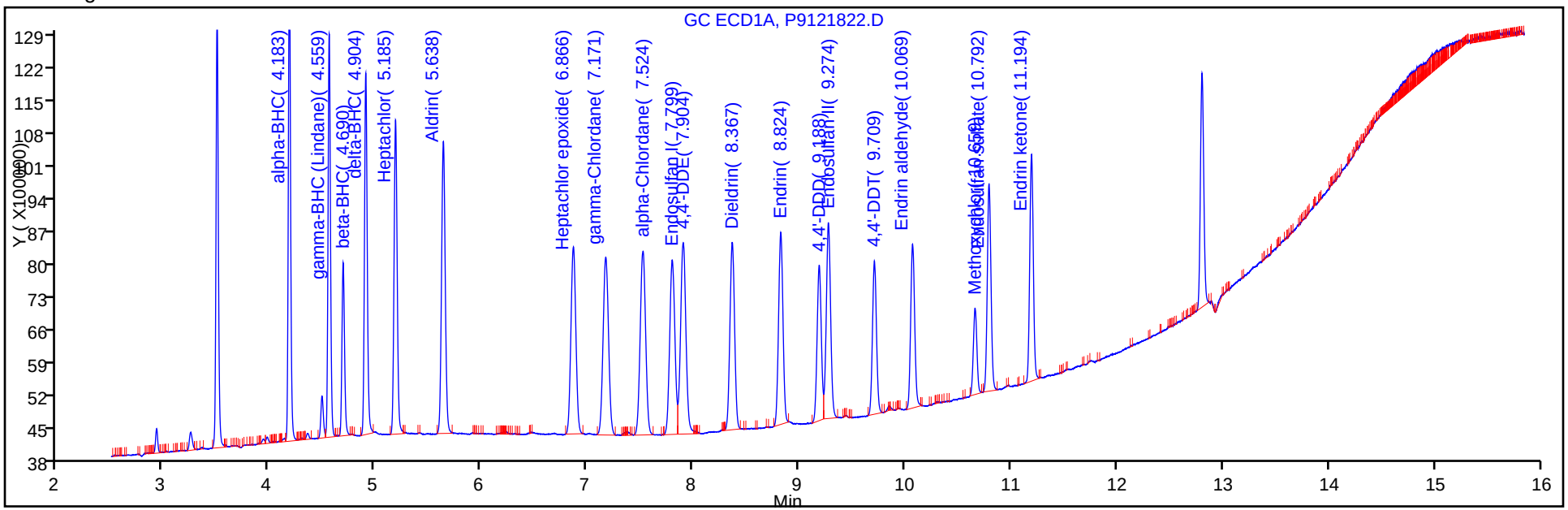
| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.805 | | | | | | |
| 2 | 100 | | 14.252 | | | | | | |

Report Date: 19-Dec-2012 12:50:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

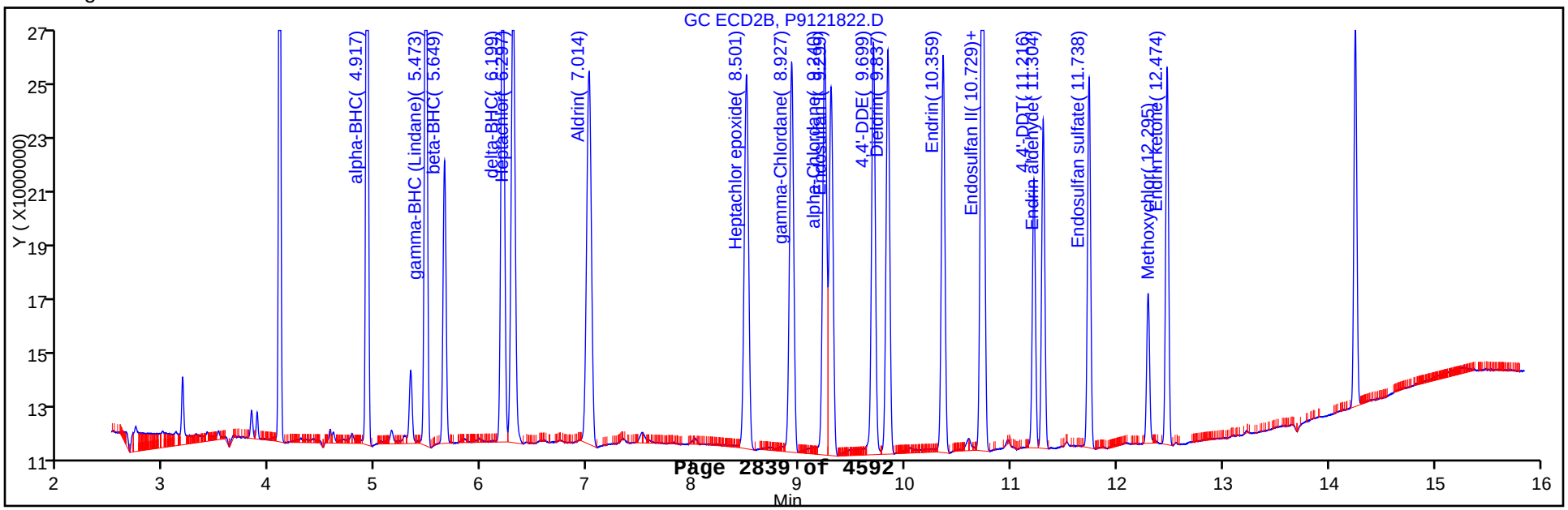
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D | | |
| Injection Date: | 18-Dec-2012 18:17:15 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69152 | Lims Sample ID: | 22 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/19

Matrix: Solid | Lab File ID: P9122219.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/22/2012 18:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.00509 | M | 0.0050 | 0.0010 | 0.00096 |
| 72-55-9 | 4,4'-DDE | 0.00499 | J | 0.0050 | 0.0010 | 0.00097 |
| 50-29-3 | 4,4'-DDT | 0.00491 | J | 0.0050 | 0.0030 | 0.0016 |
| 309-00-2 | Aldrin | 0.00510 | | 0.0050 | 0.0010 | 0.00082 |
| 319-84-6 | alpha-BHC | 0.00481 | J | 0.0050 | 0.0010 | 0.00070 |
| 5103-71-9 | alpha-Chlordane | 0.00516 | | 0.0050 | 0.0010 | 0.0014 |
| 319-85-7 | beta-BHC | 0.00527 | | 0.0050 | 0.0010 | 0.00084 |
| 319-86-8 | delta-BHC | 0.00464 | J | 0.0050 | 0.0010 | 0.00087 |
| 60-57-1 | Dieldrin | 0.00522 | | 0.0050 | 0.0010 | 0.00075 |
| 959-98-8 | Endosulfan I | 0.00554 | | 0.0050 | 0.0010 | 0.0013 |
| 33213-65-9 | Endosulfan II | 0.00550 | M | 0.0050 | 0.0010 | 0.0012 |
| 1031-07-8 | Endosulfan sulfate | 0.00532 | | 0.0050 | 0.0010 | 0.0011 |
| 72-20-8 | Endrin | 0.00548 | | 0.0050 | 0.0010 | 0.0011 |
| 7421-93-4 | Endrin aldehyde | 0.00555 | | 0.0050 | 0.0010 | 0.0011 |
| 53494-70-5 | Endrin ketone | 0.00548 | | 0.0050 | 0.0010 | 0.00078 |
| 58-89-9 | gamma-BHC (Lindane) | 0.00505 | | 0.0050 | 0.0010 | 0.00064 |
| 5103-74-2 | gamma-Chlordane | 0.00514 | | 0.0050 | 0.0010 | 0.0012 |
| 76-44-8 | Heptachlor | 0.00561 | | 0.0050 | 0.0010 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.00544 | | 0.0050 | 0.0010 | 0.00071 |
| 72-43-5 | Methoxychlor | 0.00507 | J | 0.010 | 0.0030 | 0.0032 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D | | |
| Lims ID: | MRL | Client ID: | |
| Inject. Date: | 22-Dec-2012 18:51:23 | Dil. Factor: | 1.0000 |
| Sample Type: | MRL | | |
| Sample ID: | 240-0016122-019 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 19 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 19 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m | | |
| Last Update: | 03-Jan-2013 07:24:17 | Calib Date: | 22-Dec-2012 17:38:19 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK036 | | |
| First Level Reviewer: vandorenc | | Date: | 31-Dec-2012 11:10:56 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.499 | | | | | | |
| 2 | 100 | | 4.089 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 3.968 | | | | | | |
| 2 | 100 | | 4.696 | | | | | | |
| 12 Diallate | | | | | | | | | 1 |
| 1 | 100 | | 4.059 | | | | | | |
| 1 | 2 | | 4.221 | | | | | | |
| 2 | 100 | | 4.659 | | | | | | |
| 2 | 2 | | 4.806 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.180 | 4.182 | -0.002 | 18337821 | 0.004813 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 60069139 | 0.004559 | | | |
| | | | | | | RPD = 5.44 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 15738099 | 0.005051 | | | |
| 2 | 100 | 5.469 | 5.467 | 0.002 | 51990727 | 0.004984 | | | |
| | | | | | | RPD = 1.34 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 7145253 | 0.005266 | | | |
| 2 | 100 | 5.645 | 5.643 | 0.002 | 24111595 | 0.005527 | | | |
| | | | | | | RPD = 4.83 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 15672812 | 0.004643 | | | |
| 2 | 100 | 6.194 | 6.192 | 0.002 | 51367615 | 0.004732 | | | |
| | | | | | | RPD = 1.91 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | 1 |
| 1 | 100 | | 5.070 | | | | | | |
| 1 | 2 | | 5.925 | | | | | | |
| 1 | 3 | | 7.168 | | | | | | |
| 1 | 4 | | 7.513 | | | | | | |
| 2 | 100 | | 5.996 | | | | | | |
| 2 | 2 | | 7.491 | | | | | | |
| 2 | 3 | | 8.918 | | | | | | |
| 2 | 4 | | 9.231 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 15385238 | 0.005607 | | | |
| 2 | 100 | 6.291 | 6.289 | 0.002 | 52598040 | 0.005974 | | | |
| | | | | | | RPD = 6.34 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.634 | 5.633 | 0.001 | 18138188 | 0.005101 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 53000607 | 0.004985 | | | |
| | | | | | | RPD = 2.31 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.218 | | | | | | |
| 2 | 100 | | 8.001 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 14812857 | 0.005443 | | | |
| 2 | 100 | 8.494 | 8.492 | 0.002 | 46495997 | 0.005573 | | | |
| | | | | | | RPD = 2.35 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.165 | 7.166 | -0.001 | 15738848 | 0.005138 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 47121619 | 0.005276 | | | |
| | | | | | | RPD = 2.65 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.515 | 7.516 | -0.001 | 16299940 | 0.005162 | | | |
| 2 | 100 | 9.233 | 9.232 | 0.001 | 47130215 | 0.005326 | | | |
| | | | | | | RPD = 3.14 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 14164638 | 0.005536 | | | |
| 2 | 100 | 9.294 | 9.294 | 0.000 | 41444151 | 0.005810 | | | |
| | | | | | | RPD = 4.83 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.900 | 7.899 | 0.001 | 16488686 | 0.004987 | | | |
| 2 | 100 | 9.695 | 9.694 | 0.001 | 43944529 | 0.005083 | | | |
| | | | | | | RPD = 1.92 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.359 | 8.361 | -0.002 | 13866818 | 0.005223 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 43189060 | 0.005446 | | | |
| | | | | | | RPD = 4.18 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 13388801 | 0.005479 | | | |
| 2 | 100 | 10.352 | 10.351 | 0.001 | 39163246 | 0.005560 | | | |
| | | | | | | RPD = 1.46 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 8.915 | | | | | | |
| 2 | 100 | | 10.536 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.187 | 9.185 | 0.002 | 9617628 | 0.005088 | | | M |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 65540249 | 0.005291 | | | |
| | | | | | | RPD = 3.91 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 13893378 | 0.005499 | | | M |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 65540249 | 0.005291 | | | |
| | | | | | | RPD = 3.85 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.286 | | | | | | |
| 2 | 100 | | 10.541 | | | | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.706 | 0.002 | 9217621 | 0.004911 | | | |
| 2 | 100 | 11.210 | 11.209 | 0.001 | 23021595 | 0.004934 | | | |
| | | | | | | RPD = 0.48 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.067 | 10.065 | 0.002 | 10206839 | 0.005551 | | | |
| 2 | 100 | 11.298 | 11.297 | 0.001 | 30468267 | 0.005801 | | | |
| | | | | | | RPD = 4.41 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.659 | 0.002 | 4454919 | 0.005075 | | | |
| 2 | 100 | 12.290 | 12.288 | 0.002 | 12920128 | 0.005592 | | | |
| | | | | | | RPD = 9.71 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.789 | 10.789 | 0.000 | 11899507 | 0.005316 | | | |
| 2 | 100 | 11.731 | 11.730 | 0.001 | 33954100 | 0.005344 | | | |
| | | | | | | RPD = 0.51 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.188 | 0.001 | 12823399 | 0.005477 | | | |
| 2 | 100 | 12.468 | 12.467 | 0.001 | 34794005 | 0.005564 | | | |
| | | | | | | RPD = 1.57 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.802 | | | | | | |
| 2 | 100 | | 14.247 | | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

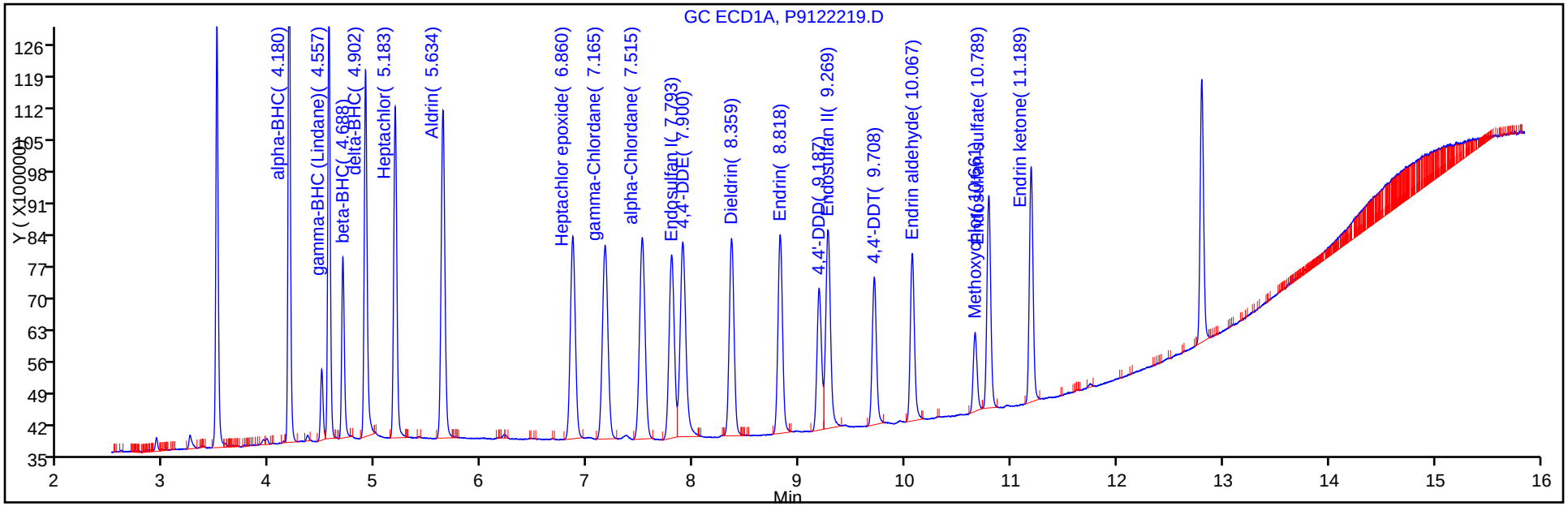
Report Date: 03-Jan-2013 07:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

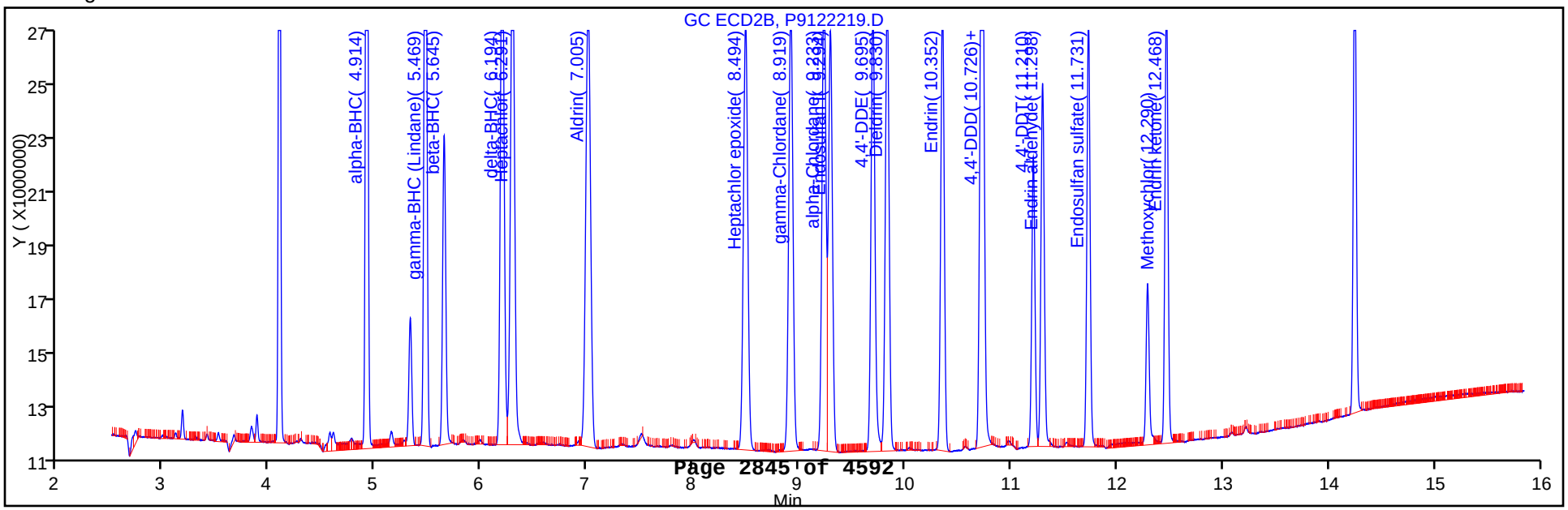
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 18:51:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

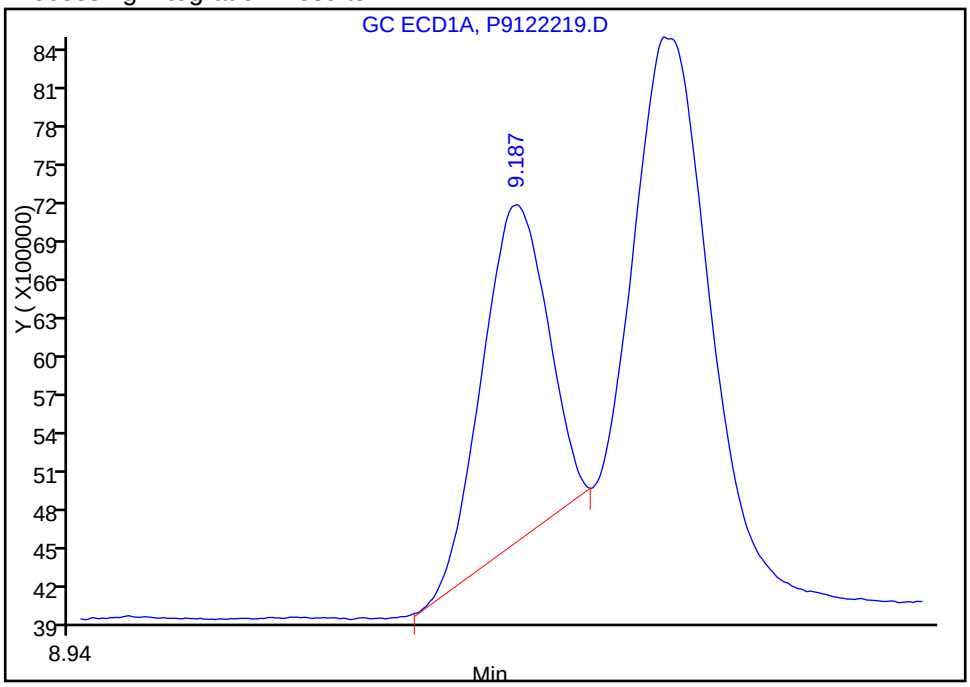
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D | | |
| Injection Date: | 22-Dec-2012 18:51:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.18, Det: GC ECD1A

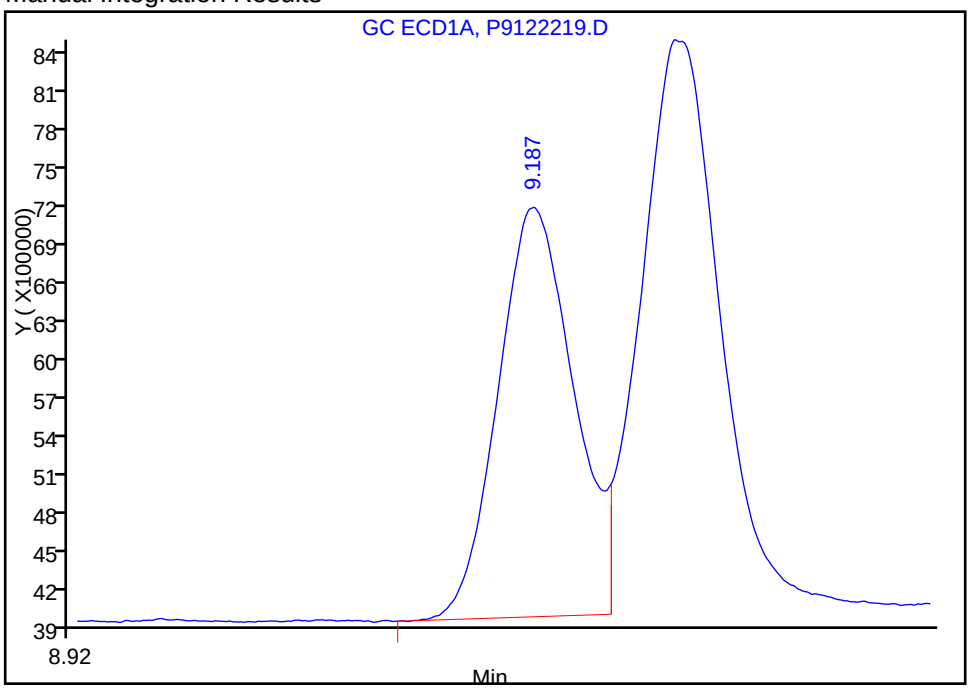
Processing Integration Results

RT: 9.19
Response: 6574150
Amount: 0.003478




Manual Integration Results

RT: 9.19
Response: 9617628
Amount: 0.005088




Reviewer: vandorenc, 31-Dec-2012 11:13:04
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

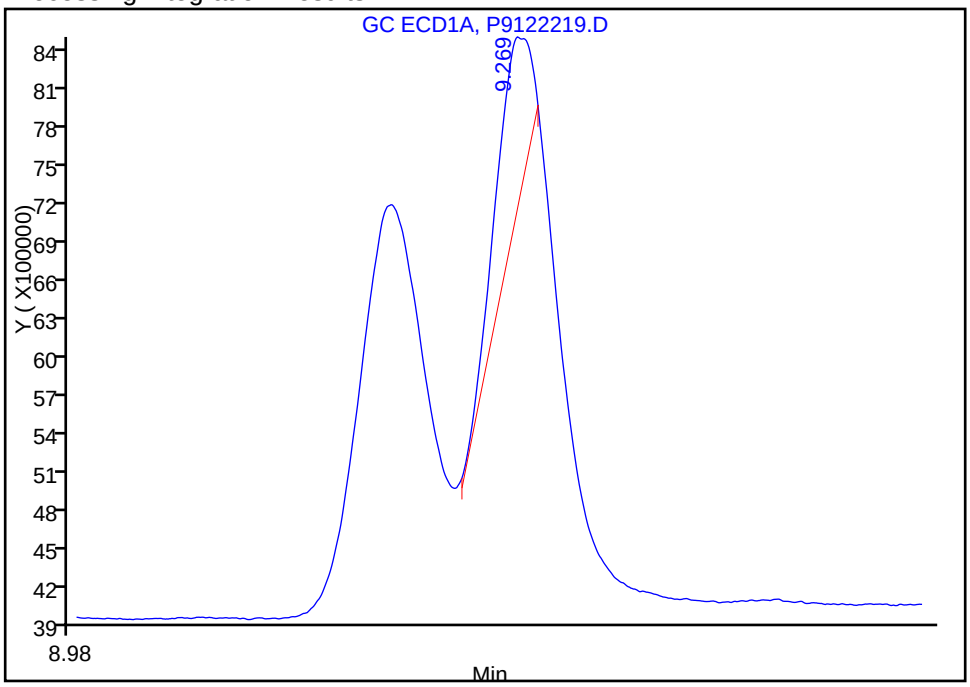
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D | | |
| Injection Date: | 22-Dec-2012 18:51:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

15 Endosulfan II, Signal: 1, Type: quant, RT: 9.27, Det: GC ECD1A

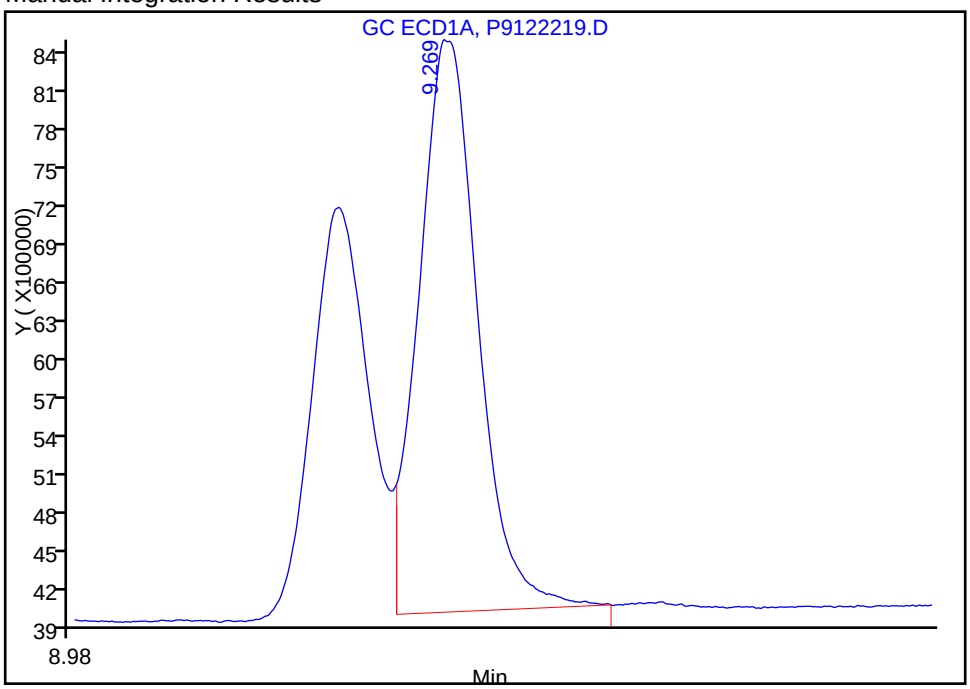
Processing Integration Results

RT: 9.27
Response: 2110892
Amount: 0.000835




Manual Integration Results

RT: 9.27
Response: 13893378
Amount: 0.005499




Reviewer: vandorenc, 31-Dec-2012 11:13:04
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/19

Matrix: Solid | Lab File ID: P9122219.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/22/2012 18:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.00529* | | *0.0050* | 0.0010 | *0.00096* |
| *72-55-9* | *4,4'-DDE* | *0.00508* | | *0.0050* | 0.0010 | *0.00097* |
| *50-29-3* | *4,4'-DDT* | *0.00493* | *J* | *0.0050* | 0.0030 | *0.0016* |
| *309-00-2* | *Aldrin* | *0.00498* | *J* | *0.0050* | 0.0010 | *0.00082* |
| *319-84-6* | *alpha-BHC* | *0.00456* | *J* | *0.0050* | 0.0010 | *0.00070* |
| *5103-71-9* | *alpha-Chlordane* | *0.00533* | | *0.0050* | 0.0010 | *0.0014* |
| *319-85-7* | *beta-BHC* | *0.00553* | | *0.0050* | 0.0010 | *0.00084* |
| *319-86-8* | *delta-BHC* | *0.00473* | *J* | *0.0050* | 0.0010 | *0.00087* |
| *60-57-1* | *Dieldrin* | *0.00545* | | *0.0050* | 0.0010 | *0.00075* |
| *959-98-8* | *Endosulfan I* | *0.00581* | | *0.0050* | 0.0010 | *0.0013* |
| *33213-65-9* | *Endosulfan II* | *0.00529* | | *0.0050* | 0.0010 | *0.0012* |
| *1031-07-8* | *Endosulfan sulfate* | *0.00534* | | *0.0050* | 0.0010 | *0.0011* |
| *72-20-8* | *Endrin* | *0.00556* | | *0.0050* | 0.0010 | *0.0011* |
| *7421-93-4* | *Endrin aldehyde* | *0.00580* | | *0.0050* | 0.0010 | *0.0011* |
| *53494-70-5* | *Endrin ketone* | *0.00556* | | *0.0050* | 0.0010 | *0.00078* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.00498* | *J* | *0.0050* | 0.0010 | *0.00064* |
| *5103-74-2* | *gamma-Chlordane* | *0.00528* | | *0.0050* | 0.0010 | *0.0012* |
| *76-44-8* | *Heptachlor* | *0.00597* | | *0.0050* | 0.0010 | *0.00080* |
| *1024-57-3* | *Heptachlor epoxide* | *0.00557* | | *0.0050* | 0.0010 | *0.00071* |
| *72-43-5* | *Methoxychlor* | *0.00559* | *J* | *0.010* | 0.0030 | *0.0032* |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 18:51:23 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016122-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69893 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 03-Jan-2013 07:24:17 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK036

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:10:56

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.499 | | | | | | |
| 2 | 100 | | 4.089 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 3.968 | | | | | | |
| 2 | 100 | | 4.696 | | | | | | |
| 12 Diallate | | | | | | | | | 1 |
| 1 | 100 | | 4.059 | | | | | | |
| 1 | 2 | | 4.221 | | | | | | |
| 2 | 100 | | 4.659 | | | | | | |
| 2 | 2 | | 4.806 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.180 | 4.182 | -0.002 | 18337821 | 0.004813 | | | |
| 2 | 100 | 4.914 | 4.913 | 0.001 | 60069139 | 0.004559 | | | |
| | | | | | | RPD = 5.44 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.557 | 4.557 | 0.000 | 15738099 | 0.005051 | | | |
| 2 | 100 | 5.469 | 5.467 | 0.002 | 51990727 | 0.004984 | | | |
| | | | | | | RPD = 1.34 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.688 | 4.689 | -0.001 | 7145253 | 0.005266 | | | |
| 2 | 100 | 5.645 | 5.643 | 0.002 | 24111595 | 0.005527 | | | |
| | | | | | | RPD = 4.83 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.902 | 4.902 | 0.000 | 15672812 | 0.004643 | | | |
| 2 | 100 | 6.194 | 6.192 | 0.002 | 51367615 | 0.004732 | | | |
| | | | | | | RPD = 1.91 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | 1 |
| 1 | 100 | | 5.070 | | | | | | |
| 1 | 2 | | 5.925 | | | | | | |
| 1 | 3 | | 7.168 | | | | | | |
| 1 | 4 | | 7.513 | | | | | | |
| 2 | 100 | | 5.996 | | | | | | |
| 2 | 2 | | 7.491 | | | | | | |
| 2 | 3 | | 8.918 | | | | | | |
| 2 | 4 | | 9.231 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.183 | 5.183 | 0.000 | 15385238 | 0.005607 | | | |
| 2 | 100 | 6.291 | 6.289 | 0.002 | 52598040 | 0.005974 | | | |
| | | | | | | RPD = 6.34 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.634 | 5.633 | 0.001 | 18138188 | 0.005101 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 53000607 | 0.004985 | | | |
| | | | | | | RPD = 2.31 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.218 | | | | | | |
| 2 | 100 | | 8.001 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.860 | 6.860 | 0.000 | 14812857 | 0.005443 | | | |
| 2 | 100 | 8.494 | 8.492 | 0.002 | 46495997 | 0.005573 | | | |
| | | | | | | RPD = 2.35 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.165 | 7.166 | -0.001 | 15738848 | 0.005138 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 47121619 | 0.005276 | | | |
| | | | | | | RPD = 2.65 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.515 | 7.516 | -0.001 | 16299940 | 0.005162 | | | |
| 2 | 100 | 9.233 | 9.232 | 0.001 | 47130215 | 0.005326 | | | |
| | | | | | | RPD = 3.14 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.793 | 7.794 | -0.001 | 14164638 | 0.005536 | | | |
| 2 | 100 | 9.294 | 9.294 | 0.000 | 41444151 | 0.005810 | | | |
| | | | | | | RPD = 4.83 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.900 | 7.899 | 0.001 | 16488686 | 0.004987 | | | |
| 2 | 100 | 9.695 | 9.694 | 0.001 | 43944529 | 0.005083 | | | |
| | | | | | | RPD = 1.92 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.359 | 8.361 | -0.002 | 13866818 | 0.005223 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 43189060 | 0.005446 | | | |
| | | | | | | RPD = 4.18 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.818 | 8.818 | 0.000 | 13388801 | 0.005479 | | | |
| 2 | 100 | 10.352 | 10.351 | 0.001 | 39163246 | 0.005560 | | | |
| | | | | | | RPD = 1.46 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 8.915 | | | | | | |
| 2 | 100 | | 10.536 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.187 | 9.185 | 0.002 | 9617628 | 0.005088 | | | M |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 65540249 | 0.005291 | | | |
| | | | | | | RPD = 3.91 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 13893378 | 0.005499 | | | M |
| 2 | 100 | 10.726 | 10.724 | 0.002 | 65540249 | 0.005291 | | | |
| | | | | | | RPD = 3.85 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.286 | | | | | | |
| 2 | 100 | | 10.541 | | | | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.708 | 9.706 | 0.002 | 9217621 | 0.004911 | | | |
| 2 | 100 | 11.210 | 11.209 | 0.001 | 23021595 | 0.004934 | | | |
| | | | | | | RPD = 0.48 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.067 | 10.065 | 0.002 | 10206839 | 0.005551 | | | |
| 2 | 100 | 11.298 | 11.297 | 0.001 | 30468267 | 0.005801 | | | |
| | | | | | | RPD = 4.41 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.661 | 10.659 | 0.002 | 4454919 | 0.005075 | | | |
| 2 | 100 | 12.290 | 12.288 | 0.002 | 12920128 | 0.005592 | | | |
| | | | | | | RPD = 9.71 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.789 | 10.789 | 0.000 | 11899507 | 0.005316 | | | |
| 2 | 100 | 11.731 | 11.730 | 0.001 | 33954100 | 0.005344 | | | |
| | | | | | | RPD = 0.51 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.189 | 11.188 | 0.001 | 12823399 | 0.005477 | | | |
| 2 | 100 | 12.468 | 12.467 | 0.001 | 34794005 | 0.005564 | | | |
| | | | | | | RPD = 1.57 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.802 | | | | | | |
| 2 | 100 | | 14.247 | | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

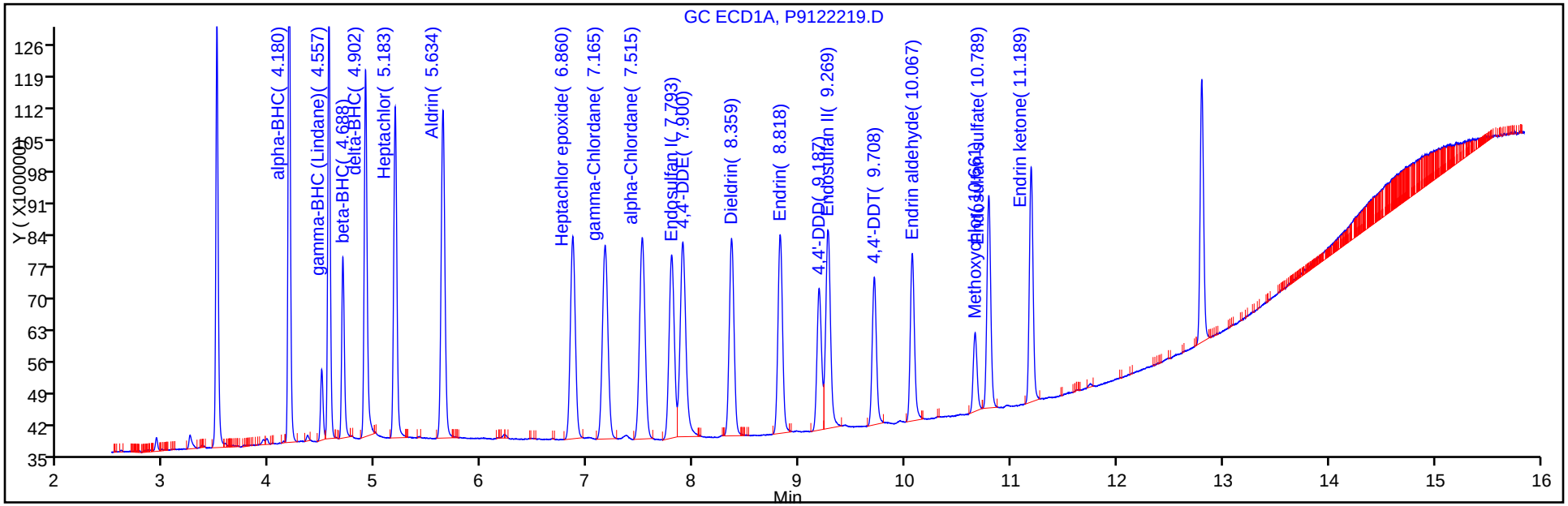
Report Date: 03-Jan-2013 07:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

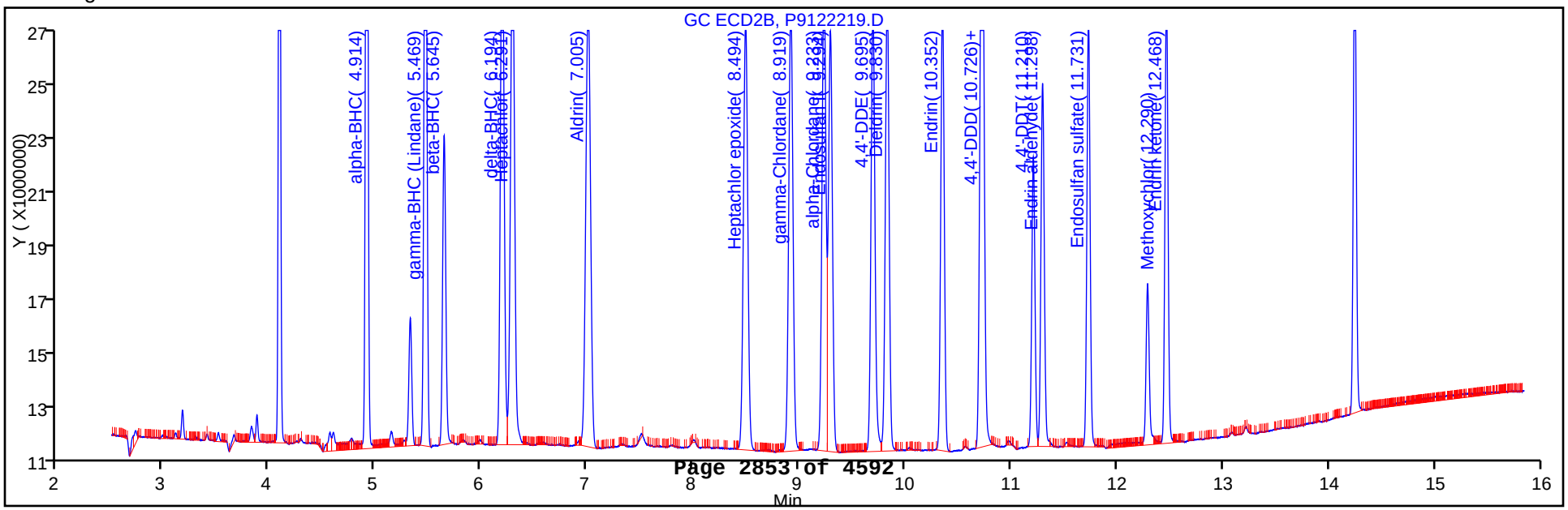
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D

| | | | |
|---|---|---|---|
| Injection Date: | 22-Dec-2012 18:51:23 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 19 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/43

Matrix: Solid | Lab File ID: P9122243.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 04:37

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.00638 | M | 0.0050 | 0.0010 | 0.00096 |
| 72-55-9 | 4,4'-DDE | 0.00624 | | 0.0050 | 0.0010 | 0.00097 |
| 50-29-3 | 4,4'-DDT | 0.00586 | | 0.0050 | 0.0030 | 0.0016 |
| 309-00-2 | Aldrin | 0.00651 | | 0.0050 | 0.0010 | 0.00082 |
| 319-84-6 | alpha-BHC | 0.00636 | | 0.0050 | 0.0010 | 0.00070 |
| 5103-71-9 | alpha-Chlordane | 0.00672 | ^ | 0.0050 | 0.0010 | 0.0014 |
| 319-85-7 | beta-BHC | 0.00711 | ^ | 0.0050 | 0.0010 | 0.00084 |
| 319-86-8 | delta-BHC | 0.00641 | | 0.0050 | 0.0010 | 0.00087 |
| 60-57-1 | Dieldrin | 0.00635 | | 0.0050 | 0.0010 | 0.00075 |
| 959-98-8 | Endosulfan I | 0.00665 | ^ | 0.0050 | 0.0010 | 0.0013 |
| 33213-65-9 | Endosulfan II | 0.00643 | M | 0.0050 | 0.0010 | 0.0012 |
| 1031-07-8 | Endosulfan sulfate | 0.00662 | ^ | 0.0050 | 0.0010 | 0.0011 |
| 72-20-8 | Endrin | 0.00625 | | 0.0050 | 0.0010 | 0.0011 |
| 7421-93-4 | Endrin aldehyde | 0.00619 | | 0.0050 | 0.0010 | 0.0011 |
| 53494-70-5 | Endrin ketone | 0.00632 | | 0.0050 | 0.0010 | 0.00078 |
| 58-89-9 | gamma-BHC (Lindane) | 0.00668 | ^ | 0.0050 | 0.0010 | 0.00064 |
| 5103-74-2 | gamma-Chlordane | 0.00671 | ^ | 0.0050 | 0.0010 | 0.0012 |
| 76-44-8 | Heptachlor | 0.00611 | | 0.0050 | 0.0010 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.00683 | ^ | 0.0050 | 0.0010 | 0.00071 |
| 72-43-5 | Methoxychlor | 0.00639 | J | 0.010 | 0.0030 | 0.0032 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D
Lims ID: MRL Client ID:
Inject. Date: 23-Dec-2012 04:37:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016122-043
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 43
Lims Batch ID: 69893 Lims Sample ID: 43
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 03-Jan-2013 07:24:17 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK036

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:38:06

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.499 | | | | | | |
| 2 | 100 | | 4.089 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 3.969 | | | | | | |
| 2 | 100 | | 4.697 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.059 | | | | | | |
| 1 | 2 | | 4.221 | | | | | | |
| 2 | 100 | | 4.659 | | | | | | |
| 2 | 2 | | 4.806 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.180 | 4.181 | -0.001 | 24234520 | 0.006361 | | | |
| 2 | 100 | 4.914 | 4.914 | 0.000 | 79073052 | 0.006001 | | | |
| | | | | | | RPD = 5.83 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.556 | 0.000 | 20814040 | 0.006681 | | | |
| 2 | 100 | 5.468 | 5.468 | 0.000 | 68571912 | 0.006574 | | | |
| | | | | | | RPD = 1.61 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.687 | 4.688 | -0.001 | 9646721 | 0.007110 | | | |
| 2 | 100 | 5.644 | 5.645 | -0.001 | 31583630 | 0.007240 | | | |
| | | | | | | RPD = 1.81 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 21650662 | 0.006413 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 69652658 | 0.006417 | | | |
| | | | | | | RPD = 0.06 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.069 | | | | | | |
| 1 | 2 | | 5.923 | | | | | | |
| 1 | 3 | | 7.164 | | | | | | |
| 1 | 4 | | 7.513 | | | | | | |
| 2 | 100 | | 5.996 | | | | | | |
| 2 | 2 | | 7.494 | | | | | | |
| 2 | 3 | | 8.920 | | | | | | |
| 2 | 4 | | 9.232 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 16777876 | 0.006115 | | | |
| 2 | 100 | 6.290 | 6.291 | -0.001 | 57608436 | 0.006543 | | | |
| | | | | | | RPD = 6.77 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.632 | 5.633 | -0.001 | 23130768 | 0.006505 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 70328837 | 0.006614 | | | |
| | | | | | | RPD = 1.66 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.219 | | | | | | |
| 2 | 100 | | 8.002 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.858 | 6.860 | -0.002 | 18593186 | 0.006833 | | | |
| 2 | 100 | 8.493 | 8.491 | 0.002 | 58003792 | 0.006952 | | | |
| | | | | | | RPD = 1.73 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.165 | 7.165 | 0.000 | 20542214 | 0.006706 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 60213439 | 0.006742 | | | |
| | | | | | | RPD = 0.53 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.515 | 7.516 | -0.001 | 21236395 | 0.006725 | | | |
| 2 | 100 | 9.232 | 9.231 | 0.001 | 60824049 | 0.006874 | | | |
| | | | | | | RPD = 2.19 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.794 | 7.793 | 0.001 | 17012471 | 0.006649 | | | |
| 2 | 100 | 9.294 | 9.292 | 0.002 | 49249532 | 0.006904 | | | |
| | | | | | | RPD = 3.77 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.899 | 7.897 | 0.002 | 20630409 | 0.006239 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 54806740 | 0.006340 | | | |
| | | | | | | RPD = 1.60 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.360 | 8.358 | 0.002 | 16854444 | 0.006348 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 52096026 | 0.006569 | | | |
| | | | | | | RPD = 3.42 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.820 | 8.819 | 0.001 | 15279415 | 0.006252 | | | |
| 2 | 100 | 10.350 | 10.351 | -0.001 | 44410414 | 0.006304 | | | |
| | | | | | | RPD = 0.83 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 8.908 | | | | | | |
| 2 | 100 | | 10.534 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.184 | 9.183 | 0.001 | 12068385 | 0.006385 | | | M |
| 2 | 100 | 10.723 | 10.721 | 0.002 | 78309339 | 0.006322 | | | |
| | | | | | | RPD = 0.99 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 16239878 | 0.006428 | | | M |
| 2 | 100 | 10.723 | 10.721 | 0.002 | 78309339 | 0.006322 | | | |
| | | | | | | RPD = 1.66 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.286 | | | | | | |
| 2 | 100 | | 10.541 | | | | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.705 | 0.001 | 11008364 | 0.005865 | | | |
| 2 | 100 | 11.210 | 11.208 | 0.002 | 29093916 | 0.006236 | | | |
| | | | | | | RPD = 6.14 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 11386801 | 0.006193 | | | |
| 2 | 100 | 11.296 | 11.296 | 0.000 | 33280894 | 0.006337 | | | |
| | | | | | | RPD = 2.30 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 5611224 | 0.006392 | | | |
| 2 | 100 | 12.289 | 12.287 | 0.002 | 15454694 | 0.006689 | | | |
| | | | | | | RPD = 4.55 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.788 | 0.000 | 14824101 | 0.006623 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 41813578 | 0.006580 | | | |
| | | | | | | RPD = 0.64 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.190 | 11.189 | 0.001 | 14801959 | 0.006322 | | | |
| 2 | 100 | 12.467 | 12.466 | 0.001 | 39462311 | 0.006310 | | | |
| | | | | | | RPD = 0.19 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.801 | | | | | | |
| 2 | 100 | | 14.246 | | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

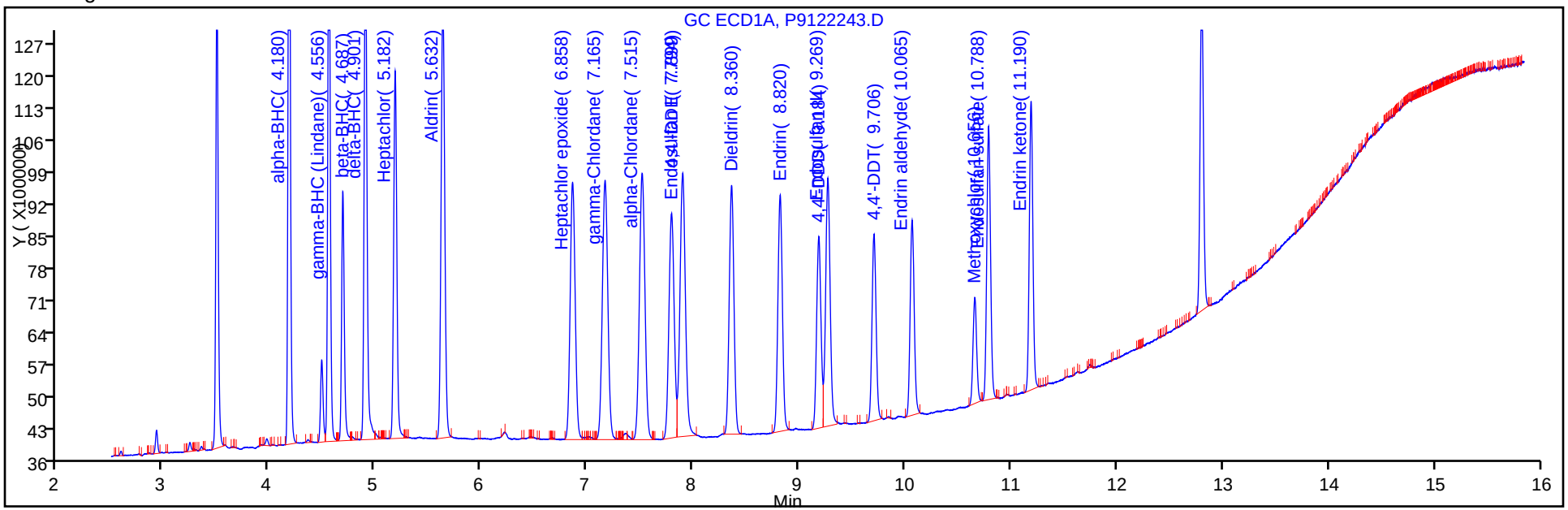
Report Date: 03-Jan-2013 08:03:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

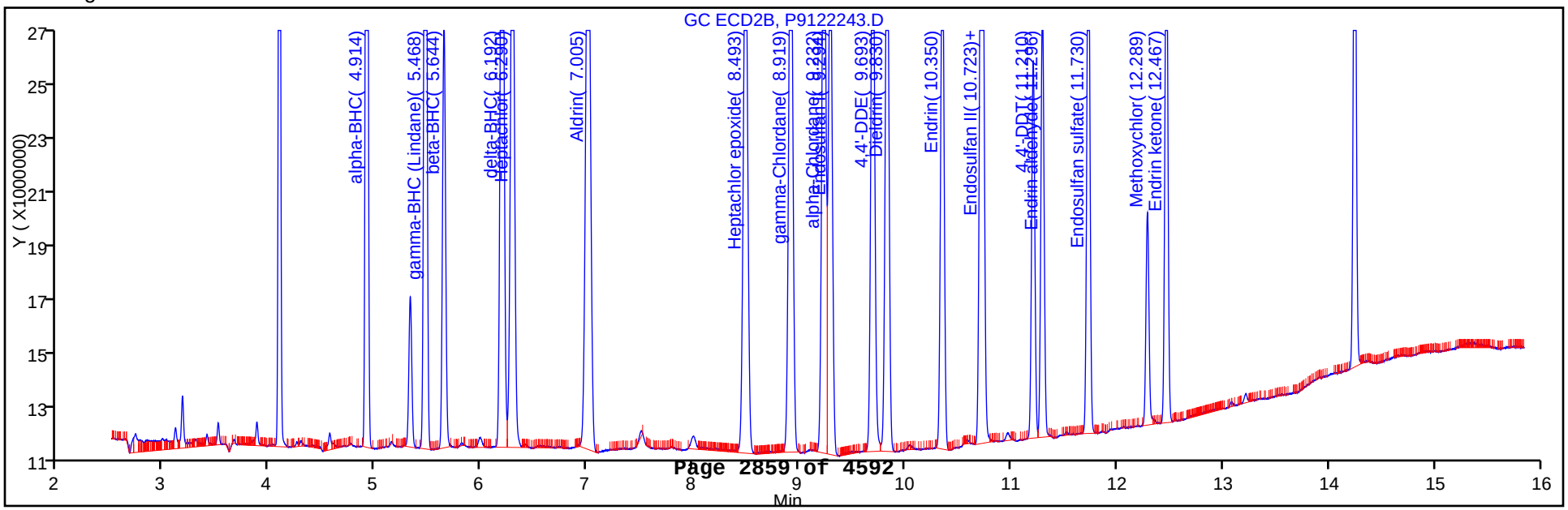
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 04:37:59 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 43 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 03-Jan-2013 08:03:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

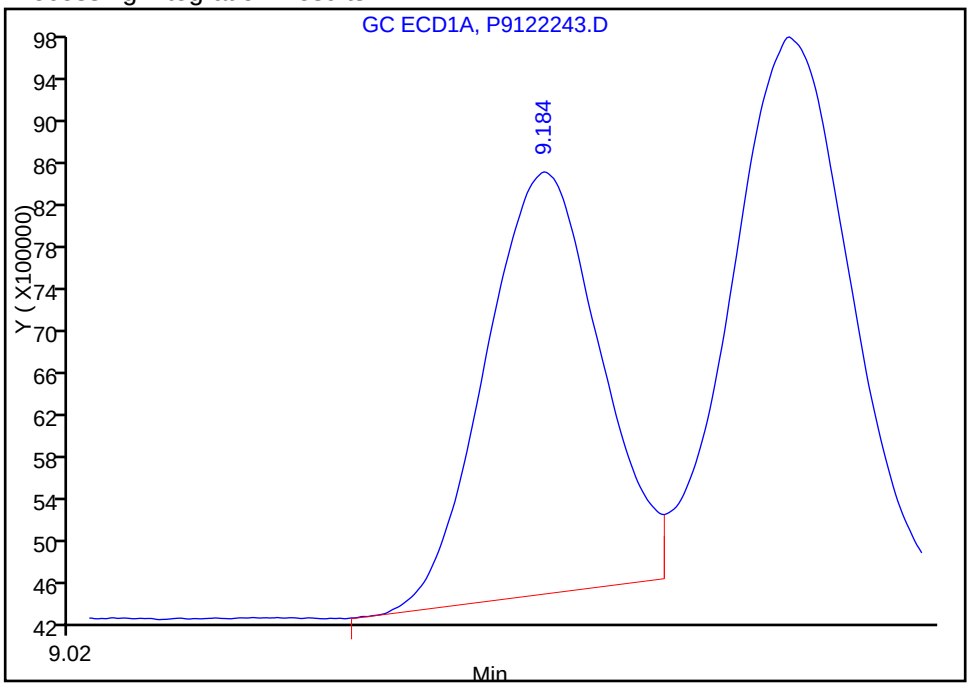
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D | | |
| Injection Date: | 23-Dec-2012 04:37:59 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 43 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.18, Det: GC ECD1A

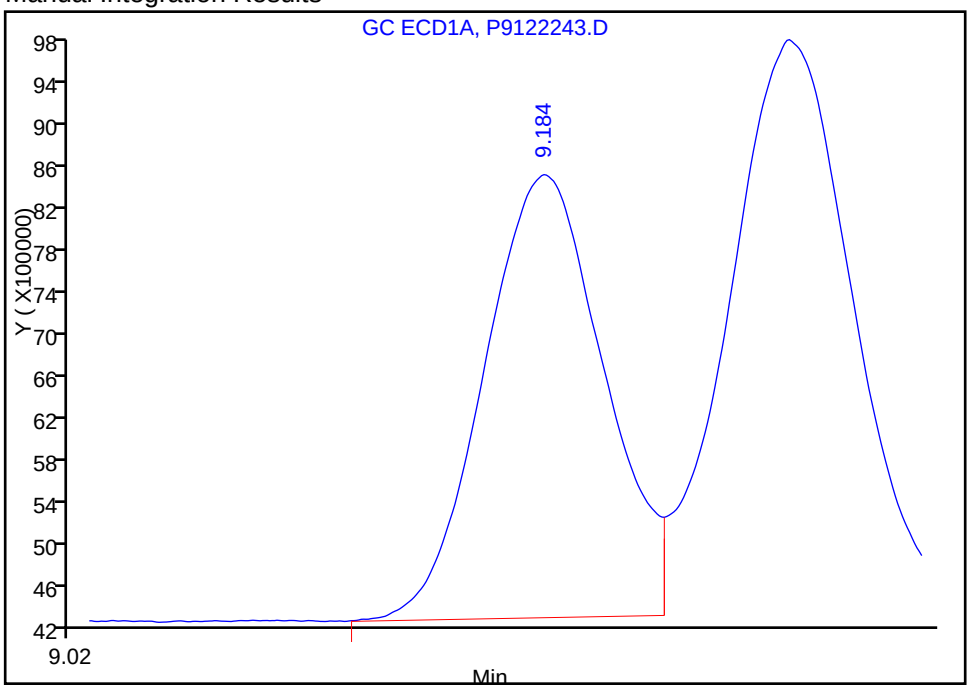
Processing Integration Results

RT: 9.18
Response: 11025207
Amount: 0.005833




Manual Integration Results

RT: 9.18
Response: 12068385
Amount: 0.006385




Reviewer: vandorenc, 31-Dec-2012 13:38:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

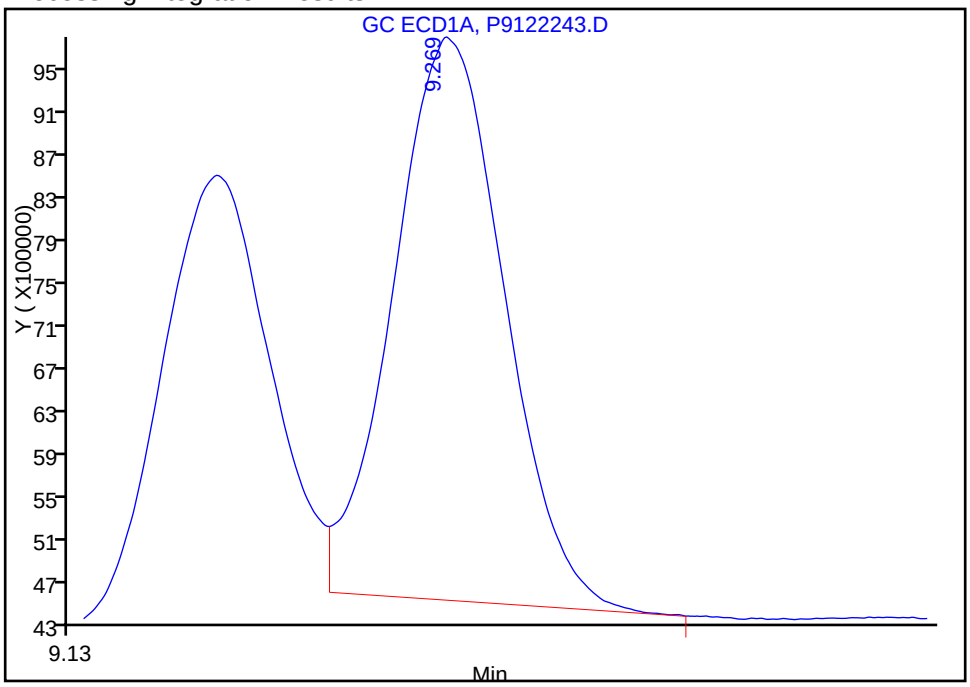
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D | | |
| Injection Date: | 23-Dec-2012 04:37:59 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 43 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

15 Endosulfan II, Signal: 1, Type: quant, RT: 9.27, Det: GC ECD1A

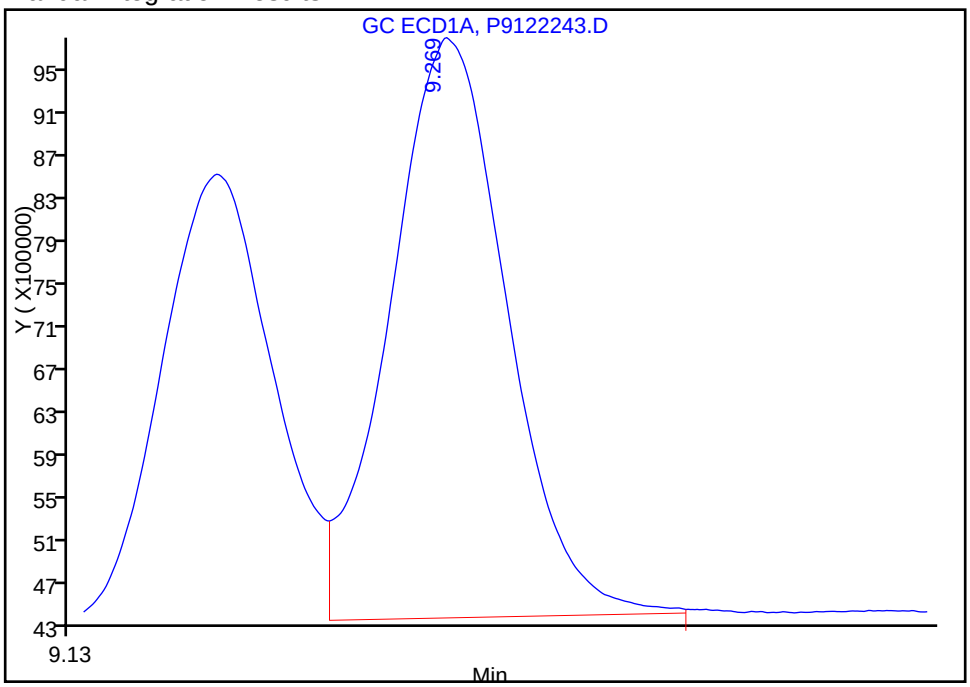
Processing Integration Results

RT: 9.27
Response: 14843967
Amount: 0.005875




Manual Integration Results

RT: 9.27
Response: 16239878
Amount: 0.006428




Reviewer: vandorenc, 31-Dec-2012 13:38:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/43

Matrix: Solid | Lab File ID: P9122243.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 04:37

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69893 | Units: ng/uL

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.00632* | | *0.0050* | 0.0010 | *0.00096* |
| *72-55-9* | *4,4'-DDE* | *0.00634* | | *0.0050* | 0.0010 | *0.00097* |
| *50-29-3* | *4,4'-DDT* | *0.00624* | | *0.0050* | 0.0030 | *0.0016* |
| *309-00-2* | *Aldrin* | *0.00661* | ^ | *0.0050* | 0.0010 | *0.00082* |
| *319-84-6* | *alpha-BHC* | *0.00600* | | *0.0050* | 0.0010 | *0.00070* |
| *5103-71-9* | *alpha-Chlordane* | *0.00687* | ^ | *0.0050* | 0.0010 | *0.0014* |
| *319-85-7* | *beta-BHC* | *0.00724* | ^ | *0.0050* | 0.0010 | *0.00084* |
| *319-86-8* | *delta-BHC* | *0.00642* | | *0.0050* | 0.0010 | *0.00087* |
| *60-57-1* | *Dieldrin* | *0.00657* | ^ | *0.0050* | 0.0010 | *0.00075* |
| *959-98-8* | *Endosulfan I* | *0.00690* | ^ | *0.0050* | 0.0010 | *0.0013* |
| *33213-65-9* | *Endosulfan II* | *0.00632* | | *0.0050* | 0.0010 | *0.0012* |
| *1031-07-8* | *Endosulfan sulfate* | *0.00658* | ^ | *0.0050* | 0.0010 | *0.0011* |
| *72-20-8* | *Endrin* | *0.00630* | | *0.0050* | 0.0010 | *0.0011* |
| *7421-93-4* | *Endrin aldehyde* | *0.00634* | | *0.0050* | 0.0010 | *0.0011* |
| *53494-70-5* | *Endrin ketone* | *0.00631* | | *0.0050* | 0.0010 | *0.00078* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.00657* | ^ | *0.0050* | 0.0010 | *0.00064* |
| *5103-74-2* | *gamma-Chlordane* | *0.00674* | ^ | *0.0050* | 0.0010 | *0.0012* |
| *76-44-8* | *Heptachlor* | *0.00654* | ^ | *0.0050* | 0.0010 | *0.00080* |
| *1024-57-3* | *Heptachlor epoxide* | *0.00695* | ^ | *0.0050* | 0.0010 | *0.00071* |
| *72-43-5* | *Methoxychlor* | *0.00669* | *J ^* | *0.010* | 0.0030 | *0.0032* |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D | | |
| Lims ID: | MRL | Client ID: | |
| Inject. Date: | 23-Dec-2012 04:37:59 | Dil. Factor: | 1.0000 |
| Sample Type: | MRL | | |
| Sample ID: | 240-0016122-043 | | |
| Misc. Info.: | | | |
| Operator: | 093905 | Instrument ID: | A2HP9 |
| Injection Vol: | 1.0 ul | ALS Bottle#: | 43 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 43 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m | | |
| Last Update: | 03-Jan-2013 07:24:17 | Calib Date: | 22-Dec-2012 17:38:19 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D | | |
| Limit Group: | GC 8081 D0D ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK036 | | |
| First Level Reviewer: vandorenc | | Date: | 31-Dec-2012 13:38:06 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 29 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 100 | | 3.499 | | | | | | |
| 2 | 100 | | 4.089 | | | | | | |
| 24 Hexachlorobenzene | | | | | | | | | |
| 1 | 100 | | 3.969 | | | | | | |
| 2 | 100 | | 4.697 | | | | | | |
| 12 Diallate | | | | | | | | | |
| 1 | 100 | | 4.059 | | | | | | |
| 1 | 2 | | 4.221 | | | | | | |
| 2 | 100 | | 4.659 | | | | | | |
| 2 | 2 | | 4.806 | | | | | | |
| 5 alpha-BHC | | | | | | | | | |
| 1 | 100 | 4.180 | 4.181 | -0.001 | 24234520 | 0.006361 | | | |
| 2 | 100 | 4.914 | 4.914 | 0.000 | 79073052 | 0.006001 | | | |
| | | | | | | RPD = 5.83 | | | |
| 20 gamma-BHC (Lindane) | | | | | | | | | |
| 1 | 100 | 4.556 | 4.556 | 0.000 | 20814040 | 0.006681 | | | |
| 2 | 100 | 5.468 | 5.468 | 0.000 | 68571912 | 0.006574 | | | |
| | | | | | | RPD = 1.61 | | | |
| 7 beta-BHC | | | | | | | | | |
| 1 | 100 | 4.687 | 4.688 | -0.001 | 9646721 | 0.007110 | | | |
| 2 | 100 | 5.644 | 5.645 | -0.001 | 31583630 | 0.007240 | | | |
| | | | | | | RPD = 1.81 | | | |
| 11 delta-BHC | | | | | | | | | |
| 1 | 100 | 4.901 | 4.902 | -0.001 | 21650662 | 0.006413 | | | |
| 2 | 100 | 6.192 | 6.192 | 0.000 | 69652658 | 0.006417 | | | |
| | | | | | | RPD = 0.06 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Chlordane (technical) | | | | | | | | | |
| 1 | 100 | | 5.069 | | | | | | |
| 1 | 2 | | 5.923 | | | | | | |
| 1 | 3 | | 7.164 | | | | | | |
| 1 | 4 | | 7.513 | | | | | | |
| 2 | 100 | | 5.996 | | | | | | |
| 2 | 2 | | 7.494 | | | | | | |
| 2 | 3 | | 8.920 | | | | | | |
| 2 | 4 | | 9.232 | | | | | | |
| 22 Heptachlor | | | | | | | | | |
| 1 | 100 | 5.182 | 5.183 | -0.001 | 16777876 | 0.006115 | | | |
| 2 | 100 | 6.290 | 6.291 | -0.001 | 57608436 | 0.006543 | | | |
| | | | | | | RPD = 6.77 | | | |
| 4 Aldrin | | | | | | | | | |
| 1 | 100 | 5.632 | 5.633 | -0.001 | 23130768 | 0.006505 | | | |
| 2 | 100 | 7.005 | 7.005 | 0.000 | 70328837 | 0.006614 | | | |
| | | | | | | RPD = 1.66 | | | |
| 25 Isodrin | | | | | | | | | |
| 1 | 100 | | 6.219 | | | | | | |
| 2 | 100 | | 8.002 | | | | | | |
| 23 Heptachlor epoxide | | | | | | | | | |
| 1 | 100 | 6.858 | 6.860 | -0.002 | 18593186 | 0.006833 | | | |
| 2 | 100 | 8.493 | 8.491 | 0.002 | 58003792 | 0.006952 | | | |
| | | | | | | RPD = 1.73 | | | |
| 21 gamma-Chlordane | | | | | | | | | |
| 1 | 100 | 7.165 | 7.165 | 0.000 | 20542214 | 0.006706 | | | |
| 2 | 100 | 8.919 | 8.919 | 0.000 | 60213439 | 0.006742 | | | |
| | | | | | | RPD = 0.53 | | | |
| 6 alpha-Chlordane | | | | | | | | | |
| 1 | 100 | 7.515 | 7.516 | -0.001 | 21236395 | 0.006725 | | | |
| 2 | 100 | 9.232 | 9.231 | 0.001 | 60824049 | 0.006874 | | | |
| | | | | | | RPD = 2.19 | | | |
| 14 Endosulfan I | | | | | | | | | |
| 1 | 100 | 7.794 | 7.793 | 0.001 | 17012471 | 0.006649 | | | |
| 2 | 100 | 9.294 | 9.292 | 0.002 | 49249532 | 0.006904 | | | |
| | | | | | | RPD = 3.77 | | | |
| 2 4,4'-DDE | | | | | | | | | |
| 1 | 100 | 7.899 | 7.897 | 0.002 | 20630409 | 0.006239 | | | |
| 2 | 100 | 9.693 | 9.693 | 0.000 | 54806740 | 0.006340 | | | |
| | | | | | | RPD = 1.60 | | | |
| 13 Dieldrin | | | | | | | | | |
| 1 | 100 | 8.360 | 8.358 | 0.002 | 16854444 | 0.006348 | | | |
| 2 | 100 | 9.830 | 9.829 | 0.001 | 52096026 | 0.006569 | | | |
| | | | | | | RPD = 3.42 | | | |
| 17 Endrin | | | | | | | | | |
| 1 | 100 | 8.820 | 8.819 | 0.001 | 15279415 | 0.006252 | | | |
| 2 | 100 | 10.350 | 10.351 | -0.001 | 44410414 | 0.006304 | | | |
| | | | | | | RPD = 0.83 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 26 Kepone | | | | | | | | | |
| 1 | 100 | | 8.908 | | | | | | |
| 2 | 100 | | 10.534 | | | | | | |
| 1 4,4'-DDD | | | | | | | | | M |
| 1 | 100 | 9.184 | 9.183 | 0.001 | 12068385 | 0.006385 | | | M |
| 2 | 100 | 10.723 | 10.721 | 0.002 | 78309339 | 0.006322 | | | |
| | | | | | | RPD = 0.99 | | | |
| 15 Endosulfan II | | | | | | | | | M |
| 1 | 100 | 9.269 | 9.269 | 0.000 | 16239878 | 0.006428 | | | M |
| 2 | 100 | 10.723 | 10.721 | 0.002 | 78309339 | 0.006322 | | | |
| | | | | | | RPD = 1.66 | | | |
| 9 Chlorobenzilate | | | | | | | | | |
| 1 | 100 | | 9.286 | | | | | | |
| 2 | 100 | | 10.541 | | | | | | |
| 30 Toxaphene | | | | | | | | | 1 |
| 1 | 100 | | 9.498 | | | | | | |
| 1 | 2 | | 9.949 | | | | | | |
| 1 | 3 | | 10.015 | | | | | | |
| 1 | 4 | | 10.599 | | | | | | |
| 1 | 5 | | 11.165 | | | | | | |
| 2 | 100 | | 10.886 | | | | | | |
| 2 | 2 | | 11.435 | | | | | | |
| 2 | 3 | | 11.836 | | | | | | |
| 2 | 4 | | 12.064 | | | | | | |
| 2 | 5 | | 12.451 | | | | | | |
| 3 4,4'-DDT | | | | | | | | | |
| 1 | 100 | 9.706 | 9.705 | 0.001 | 11008364 | 0.005865 | | | |
| 2 | 100 | 11.210 | 11.208 | 0.002 | 29093916 | 0.006236 | | | |
| | | | | | | RPD = 6.14 | | | |
| 18 Endrin aldehyde | | | | | | | | | |
| 1 | 100 | 10.065 | 10.065 | 0.000 | 11386801 | 0.006193 | | | |
| 2 | 100 | 11.296 | 11.296 | 0.000 | 33280894 | 0.006337 | | | |
| | | | | | | RPD = 2.30 | | | |
| 28 Mirex | | | | | | | | | |
| 1 | 100 | | 10.476 | | | | | | |
| 2 | 100 | | 12.377 | | | | | | |
| 27 Methoxychlor | | | | | | | | | |
| 1 | 100 | 10.656 | 10.656 | 0.000 | 5611224 | 0.006392 | | | |
| 2 | 100 | 12.289 | 12.287 | 0.002 | 15454694 | 0.006689 | | | |
| | | | | | | RPD = 4.55 | | | |
| 16 Endosulfan sulfate | | | | | | | | | |
| 1 | 100 | 10.788 | 10.788 | 0.000 | 14824101 | 0.006623 | | | |
| 2 | 100 | 11.730 | 11.730 | 0.000 | 41813578 | 0.006580 | | | |
| | | | | | | RPD = 0.64 | | | |
| 19 Endrin ketone | | | | | | | | | |
| 1 | 100 | 11.190 | 11.189 | 0.001 | 14801959 | 0.006322 | | | |
| 2 | 100 | 12.467 | 12.466 | 0.001 | 39462311 | 0.006310 | | | |
| | | | | | | RPD = 0.19 | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 10 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | | 12.801 | | | | | | |
| 2 | 100 | | 14.246 | | | | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

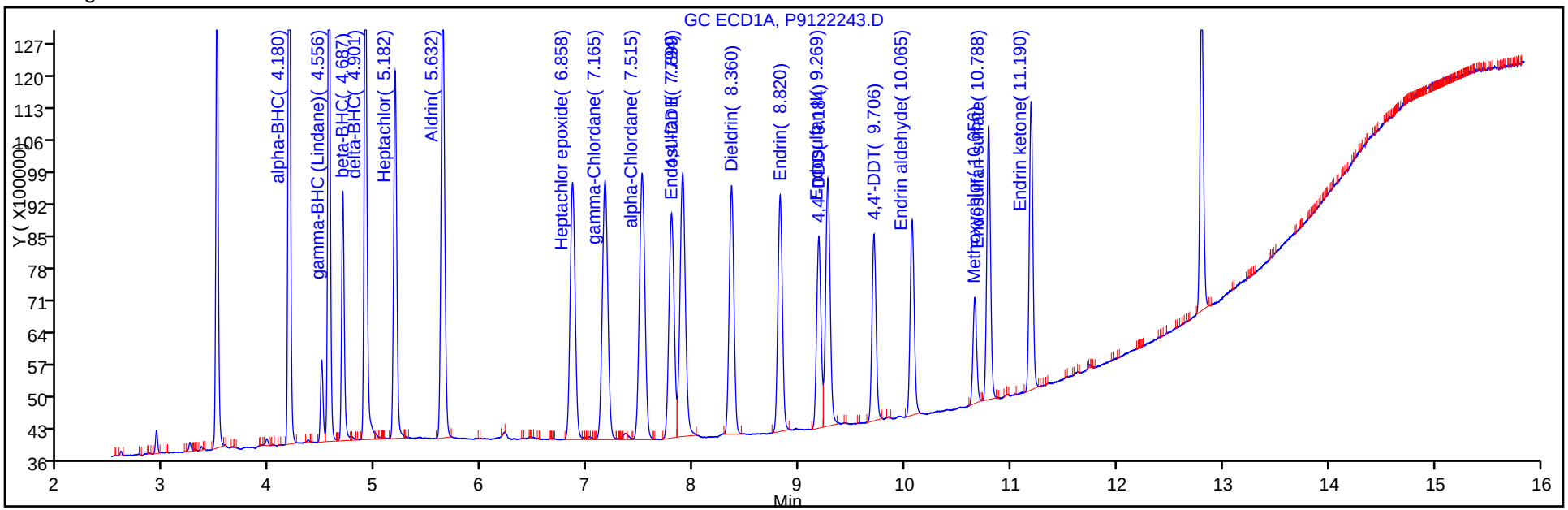
Report Date: 03-Jan-2013 08:03:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

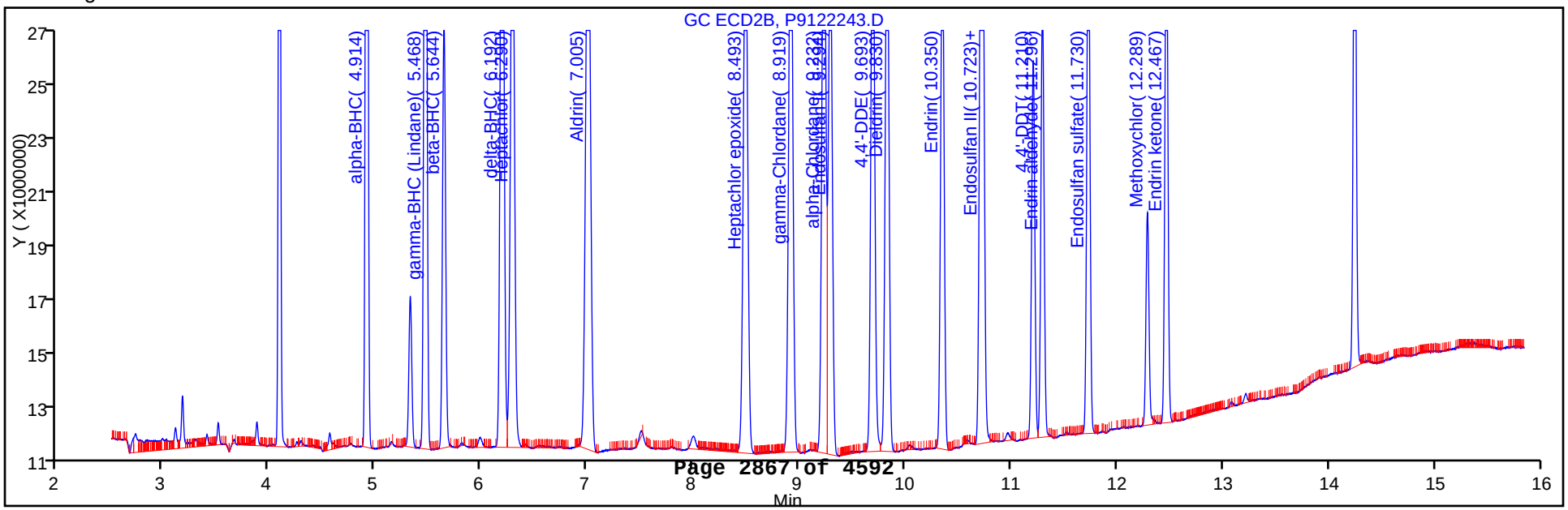
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D

| | | | |
|---|---|---|---|
| Injection Date: | 23-Dec-2012 04:37:59 | Limit Group: | GC 8081 D0D ICAL |
| Client ID: | | Instrument ID: | A2HP9 |
| Lims Batch ID: | 69893 | Lims Sample ID: | 43 |
| Operator ID: | 093905 | Injection Vol: | 1.0 ul |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Start Date: 12/06/2012 10:20

Analysis Batch Number: 67554 End Date: 12/06/2012 23:38

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PEM 240-67554/4 | | 12/06/2012 10:20 | 1 | P9120604.D | CLP-1 0.53(mm) |
| PEM 240-67554/4 | | 12/06/2012 10:20 | 1 | P9120604.D | CLP-2 0.53(mm) |
| STD 240-67554/5 IC | | 12/06/2012 10:48 | 1 | P9120605.D | CLP-1 0.53(mm) |
| STD 240-67554/5 IC | | 12/06/2012 10:48 | 1 | P9120605.D | CLP-2 0.53(mm) |
| STD 240-67554/6 IC | | 12/06/2012 11:16 | 1 | P9120606.D | CLP-1 0.53(mm) |
| STD 240-67554/6 IC | | 12/06/2012 11:16 | 1 | P9120606.D | CLP-2 0.53(mm) |
| STD 240-67554/7 ICRT | | 12/06/2012 11:44 | 1 | P9120607.D | CLP-1 0.53(mm) |
| STD 240-67554/7 ICRT | | 12/06/2012 11:44 | 1 | P9120607.D | CLP-2 0.53(mm) |
| STD 240-67554/8 IC | | 12/06/2012 12:12 | 1 | P9120608.D | CLP-1 0.53(mm) |
| STD 240-67554/8 IC | | 12/06/2012 12:12 | 1 | P9120608.D | CLP-2 0.53(mm) |
| STD 240-67554/9 IC | | 12/06/2012 12:40 | 1 | P9120609.D | CLP-1 0.53(mm) |
| STD 240-67554/9 IC | | 12/06/2012 12:40 | 1 | P9120609.D | CLP-2 0.53(mm) |
| STD 240-67554/10 IC | | 12/06/2012 13:08 | 1 | P9120610.D | CLP-1 0.53(mm) |
| STD 240-67554/10 IC | | 12/06/2012 13:08 | 1 | P9120610.D | CLP-2 0.53(mm) |
| ICV 240-67554/11 | | 12/06/2012 13:33 | 1 | P9120611.D | CLP-1 0.53(mm) |
| ICV 240-67554/11 | | 12/06/2012 13:33 | 1 | P9120611.D | CLP-2 0.53(mm) |
| STD 240-67554/12 IC | | 12/06/2012 13:58 | 1 | P9120612.D | CLP-1 0.53(mm) |
| STD 240-67554/12 IC | | 12/06/2012 13:58 | 1 | P9120612.D | CLP-2 0.53(mm) |
| STD 240-67554/13 IC | | 12/06/2012 14:24 | 1 | P9120613.D | CLP-1 0.53(mm) |
| STD 240-67554/13 IC | | 12/06/2012 14:24 | 1 | P9120613.D | CLP-2 0.53(mm) |
| STD 240-67554/14 IC | | 12/06/2012 14:52 | 1 | P9120614.D | CLP-1 0.53(mm) |
| STD 240-67554/14 IC | | 12/06/2012 14:52 | 1 | P9120614.D | CLP-2 0.53(mm) |
| STD 240-67554/15 IC | | 12/06/2012 15:20 | 1 | P9120615.D | CLP-1 0.53(mm) |
| STD 240-67554/15 IC | | 12/06/2012 15:20 | 1 | P9120615.D | CLP-2 0.53(mm) |
| STD 240-67554/16 IC | | 12/06/2012 15:48 | 1 | P9120616.D | CLP-1 0.53(mm) |
| STD 240-67554/16 IC | | 12/06/2012 15:48 | 1 | P9120616.D | CLP-2 0.53(mm) |
| ICV 240-67554/17 | | 12/06/2012 16:16 | 1 | P9120617.D | CLP-1 0.53(mm) |
| ICV 240-67554/17 | | 12/06/2012 16:16 | 1 | P9120617.D | CLP-2 0.53(mm) |
| STD 240-67554/18 IC | | 12/06/2012 16:43 | 1 | | CLP-1 0.53(mm) |
| STD 240-67554/18 IC | | 12/06/2012 16:43 | 1 | | CLP-2 0.53(mm) |
| STD 240-67554/19 IC | | 12/06/2012 17:11 | 1 | | CLP-1 0.53(mm) |
| STD 240-67554/19 IC | | 12/06/2012 17:11 | 1 | | CLP-2 0.53(mm) |
| STD 240-67554/20 IC | | 12/06/2012 17:39 | 1 | | CLP-1 0.53(mm) |
| STD 240-67554/20 IC | | 12/06/2012 17:39 | 1 | | CLP-2 0.53(mm) |
| STD 240-67554/21 IC | | 12/06/2012 18:08 | 1 | | CLP-1 0.53(mm) |
| STD 240-67554/21 IC | | 12/06/2012 18:08 | 1 | | CLP-2 0.53(mm) |
| STD 240-67554/22 IC | | 12/06/2012 18:34 | 1 | | CLP-1 0.53(mm) |
| STD 240-67554/22 IC | | 12/06/2012 18:34 | 1 | | CLP-2 0.53(mm) |
| ICV 240-67554/23 | | 12/06/2012 18:58 | 1 | | CLP-1 0.53(mm) |
| ICV 240-67554/23 | | 12/06/2012 18:58 | 1 | | CLP-2 0.53(mm) |
| PEM 240-67554/34 | | 12/06/2012 23:38 | 1 | | CLP-1 0.53(mm) |
| PEM 240-67554/34 | | 12/06/2012 23:38 | 1 | | CLP-2 0.53(mm) |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Start Date: 12/18/2012 10:00

Analysis Batch Number: 69152 End Date: 12/18/2012 18:17

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PEM 240-69152/4 | | 12/18/2012 10:00 | 1 | P9121804.D | CLP-1 0.53(mm) |
| PEM 240-69152/4 | | 12/18/2012 10:00 | 1 | P9121804.D | CLP-2 0.53(mm) |
| CCV 240-69152/5 | | 12/18/2012 10:28 | 1 | P9121805.D | CLP-1 0.53(mm) |
| CCV 240-69152/5 | | 12/18/2012 10:28 | 1 | P9121805.D | CLP-2 0.53(mm) |
| CCV 240-69152/6 | | 12/18/2012 10:55 | 1 | | CLP-1 0.53(mm) |
| CCV 240-69152/6 | | 12/18/2012 10:55 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69152/7 CCVRT | | 12/18/2012 11:23 | 1 | P9121807.D | CLP-1 0.53(mm) |
| CCV 240-69152/7 CCVRT | | 12/18/2012 11:23 | 1 | P9121807.D | CLP-2 0.53(mm) |
| MRL 240-69152/8 | | 12/18/2012 11:51 | 1 | P9121808.D | CLP-1 0.53(mm) |
| MRL 240-69152/8 | | 12/18/2012 11:51 | 1 | P9121808.D | CLP-2 0.53(mm) |
| LCS 240-68554/5-A | | 12/18/2012 12:18 | 1 | P9121809.D | CLP-1 0.53(mm) |
| LCS 240-68554/5-A | | 12/18/2012 12:18 | 1 | P9121809.D | CLP-2 0.53(mm) |
| 240-18703-24 | 076-0140-0001-ER | 12/18/2012 12:46 | 1 | P9121810.D | CLP-1 0.53(mm) |
| 240-18703-24 | 076-0140-0001-ER | 12/18/2012 12:46 | 1 | P9121810.D | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 13:14 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 13:14 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 13:42 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 13:42 | 1 | | CLP-2 0.53(mm) |
| MB 240-68554/4-A | | 12/18/2012 14:09 | 1 | P9121813.D | CLP-1 0.53(mm) |
| MB 240-68554/4-A | | 12/18/2012 14:09 | 1 | P9121813.D | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 14:37 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 14:37 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 15:04 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 15:04 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 15:32 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 15:32 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 15:59 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 15:59 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/18/2012 16:27 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/18/2012 16:27 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69152/19 | | 12/18/2012 16:55 | 1 | P9121819.D | CLP-1 0.53(mm) |
| CCV 240-69152/19 | | 12/18/2012 16:55 | 1 | P9121819.D | CLP-2 0.53(mm) |
| CCV 240-69152/20 | | 12/18/2012 17:22 | 1 | | CLP-1 0.53(mm) |
| CCV 240-69152/20 | | 12/18/2012 17:22 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69152/21 | | 12/18/2012 17:49 | 1 | P9121821.D | CLP-1 0.53(mm) |
| CCV 240-69152/21 | | 12/18/2012 17:49 | 1 | P9121821.D | CLP-2 0.53(mm) |
| MRL 240-69152/22 | | 12/18/2012 18:17 | 1 | P9121822.D | CLP-1 0.53(mm) |
| MRL 240-69152/22 | | 12/18/2012 18:17 | 1 | P9121822.D | CLP-2 0.53(mm) |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Start Date: 12/22/2012 12:44

Analysis Batch Number: 69893 End Date: 12/23/2012 13:12

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PEM 240-69893/4 | | 12/22/2012 12:44 | 1 | P9122204.D | CLP-1 0.53(mm) |
| PEM 240-69893/4 | | 12/22/2012 12:44 | 1 | P9122204.D | CLP-2 0.53(mm) |
| STD 240-69893/5 IC | | 12/22/2012 13:11 | 1 | P9122205.D | CLP-1 0.53(mm) |
| STD 240-69893/5 IC | | 12/22/2012 13:11 | 1 | P9122205.D | CLP-2 0.53(mm) |
| STD 240-69893/6 IC | | 12/22/2012 13:36 | 1 | P9122206.D | CLP-1 0.53(mm) |
| STD 240-69893/6 IC | | 12/22/2012 13:36 | 1 | P9122206.D | CLP-2 0.53(mm) |
| STD 240-69893/7 ICRT | | 12/22/2012 14:00 | 1 | P9122207.D | CLP-1 0.53(mm) |
| STD 240-69893/7 ICRT | | 12/22/2012 14:00 | 1 | P9122207.D | CLP-2 0.53(mm) |
| STD 240-69893/8 IC | | 12/22/2012 14:25 | 1 | P9122208.D | CLP-1 0.53(mm) |
| STD 240-69893/8 IC | | 12/22/2012 14:25 | 1 | P9122208.D | CLP-2 0.53(mm) |
| STD 240-69893/9 IC | | 12/22/2012 14:49 | 1 | P9122209.D | CLP-1 0.53(mm) |
| STD 240-69893/9 IC | | 12/22/2012 14:49 | 1 | P9122209.D | CLP-2 0.53(mm) |
| STD 240-69893/10 IC | | 12/22/2012 15:13 | 1 | P9122210.D | CLP-1 0.53(mm) |
| STD 240-69893/10 IC | | 12/22/2012 15:13 | 1 | P9122210.D | CLP-2 0.53(mm) |
| ICV 240-69893/11 | | 12/22/2012 15:37 | 1 | P9122211.D | CLP-1 0.53(mm) |
| ICV 240-69893/11 | | 12/22/2012 15:37 | 1 | P9122211.D | CLP-2 0.53(mm) |
| STD 240-69893/12 IC | | 12/22/2012 16:01 | 1 | | CLP-1 0.53(mm) |
| STD 240-69893/12 IC | | 12/22/2012 16:01 | 1 | | CLP-2 0.53(mm) |
| STD 240-69893/13 IC | | 12/22/2012 16:25 | 1 | | CLP-1 0.53(mm) |
| STD 240-69893/13 IC | | 12/22/2012 16:25 | 1 | | CLP-2 0.53(mm) |
| STD 240-69893/14 ICRT | | 12/22/2012 16:49 | 1 | P9122214.D | CLP-1 0.53(mm) |
| STD 240-69893/14 ICRT | | 12/22/2012 16:49 | 1 | P9122214.D | CLP-2 0.53(mm) |
| STD 240-69893/15 IC | | 12/22/2012 17:14 | 1 | | CLP-1 0.53(mm) |
| STD 240-69893/15 IC | | 12/22/2012 17:14 | 1 | | CLP-2 0.53(mm) |
| STD 240-69893/16 IC | | 12/22/2012 17:38 | 1 | | CLP-1 0.53(mm) |
| STD 240-69893/16 IC | | 12/22/2012 17:38 | 1 | | CLP-2 0.53(mm) |
| ICV 240-69893/17 | | 12/22/2012 18:02 | 1 | | CLP-1 0.53(mm) |
| ICV 240-69893/17 | | 12/22/2012 18:02 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69893/18 | | 12/22/2012 18:27 | 1 | P9122218.D | CLP-1 0.53(mm) |
| CCV 240-69893/18 | | 12/22/2012 18:27 | 1 | P9122218.D | CLP-2 0.53(mm) |
| MRL 240-69893/19 | | 12/22/2012 18:51 | 1 | P9122219.D | CLP-1 0.53(mm) |
| MRL 240-69893/19 | | 12/22/2012 18:51 | 1 | P9122219.D | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 19:15 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 19:15 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 19:40 | 50 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 19:40 | 50 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 20:04 | 50 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 20:04 | 50 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 20:28 | 50 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 20:28 | 50 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 20:52 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 20:52 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 21:18 | 5 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 21:18 | 5 | | CLP-2 0.53(mm) |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Start Date: 12/22/2012 12:44

Analysis Batch Number: 69893 End Date: 12/23/2012 13:12

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 12/22/2012 21:42 | 5 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 21:42 | 5 | | CLP-2 0.53(mm) |
| 240-18703-8 | 072SB-0082-0001-SO | 12/22/2012 22:07 | 5 | P9122227.D | CLP-1 0.53(mm) |
| 240-18703-8 | 072SB-0082-0001-SO | 12/22/2012 22:07 | 5 | P9122227.D | CLP-2 0.53(mm) |
| 240-18703-18 | 072SB-0075-0001-SO | 12/22/2012 22:31 | 1 | P9122228.D | CLP-1 0.53(mm) |
| 240-18703-18 | 072SB-0075-0001-SO | 12/22/2012 22:31 | 1 | P9122228.D | CLP-2 0.53(mm) |
| ZZZZZ | | 12/22/2012 22:56 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 12/22/2012 22:56 | 1 | | CLP-2 0.53(mm) |
| PEM 240-69893/30 | | 12/22/2012 23:20 | 1 | P9122230.D | CLP-1 0.53(mm) |
| PEM 240-69893/30 | | 12/22/2012 23:20 | 1 | P9122230.D | CLP-2 0.53(mm) |
| CCV 240-69893/31 | | 12/22/2012 23:44 | 1 | P9122231.D | CLP-1 0.53(mm) |
| CCV 240-69893/31 | | 12/22/2012 23:44 | 1 | P9122231.D | CLP-2 0.53(mm) |
| MB 240-69596/9-A | | 12/23/2012 00:59 | 1 | P9122234.D | CLP-1 0.53(mm) |
| MB 240-69596/9-A | | 12/23/2012 00:59 | 1 | P9122234.D | CLP-2 0.53(mm) |
| LCS 240-69596/10-A | | 12/23/2012 01:23 | 1 | P9122235.D | CLP-1 0.53(mm) |
| LCS 240-69596/10-A | | 12/23/2012 01:23 | 1 | P9122235.D | CLP-2 0.53(mm) |
| CCV 240-69893/42 | | 12/23/2012 04:13 | 1 | P9122242.D | CLP-1 0.53(mm) |
| CCV 240-69893/42 | | 12/23/2012 04:13 | 1 | P9122242.D | CLP-2 0.53(mm) |
| MRL 240-69893/43 | | 12/23/2012 04:37 | 1 | P9122243.D | CLP-1 0.53(mm) |
| MRL 240-69893/43 | | 12/23/2012 04:37 | 1 | P9122243.D | CLP-2 0.53(mm) |
| CCV 240-69893/60 | | 12/23/2012 11:33 | 1 | P9122260.D | CLP-1 0.53(mm) |
| CCV 240-69893/60 | | 12/23/2012 11:33 | 1 | P9122260.D | CLP-2 0.53(mm) |
| CCV 240-69893/61 | | 12/23/2012 11:59 | 1 | | CLP-1 0.53(mm) |
| CCV 240-69893/61 | | 12/23/2012 11:59 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69893/62 | | 12/23/2012 12:23 | 1 | | CLP-1 0.53(mm) |
| CCV 240-69893/62 | | 12/23/2012 12:23 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69893/63 | | 12/23/2012 12:48 | 1 | | CLP-1 0.53(mm) |
| CCV 240-69893/63 | | 12/23/2012 12:48 | 1 | | CLP-2 0.53(mm) |
| CCV 240-69893/64 | | 12/23/2012 13:12 | 1 | | CLP-1 0.53(mm) |
| CCV 240-69893/64 | | 12/23/2012 13:12 | 1 | | CLP-2 0.53(mm) |

# GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Batch Number: 68554  Batch Start Date: 12/13/12 12:45  Batch Analyst: Coast, Chris

Batch Method: 3520C  Batch End Date: 12/14/12 06:45

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | ReceivedpH | EX2/.2SURRW 00020 | EXPSTNPDESSPW 00011 | AnalysisComment |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-K-24 | 076-0140-0001-ER | 3520C, 8081/DOD | T | 1050 mL | 5 mL | 7 | 1 mL | | assoc sample with batch # 68553 |
| MB 240-68554/4 | | 3520C, 8081/DOD | | 1000 mL | 5 mL | 7 | 1 mL | | |
| LCS 240-68554/5 | | 3520C, 8081/DOD | | 1000 mL | 5 mL | 7 | 1 mL | 0.5 mL | |

| Batch Notes | |
|---|---|
| Person's name who did the concentration | ac/bm |
| Exchange Solvent Lot # | 671345 |
| Na2SO4 Lot Number | 677240 |
| Prep Solvent Lot # | 781163 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Batch Number: 69596  Batch Start Date: 12/20/12 15:10  Batch Analyst: Earle, Steve

Batch Method: 3540C  Batch End Date: 12/21/12 07:10

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | EX2/.2SURRW 00020 | EXPSTNPDESSPW 00012 | AnalysisComment | |
|---|---|---|---|---|---|---|---|---|---|
| 240-18703-H-8 | 072SB-0082-0001-SO | 3540C, 8081/DOD | T | 29.70 g | 10 mL | 1 mL | | Associated w/ 69585 | |
| 240-18703-K-18 | 072SB-0075-0001-SO | 3540C, 8081/DOD | T | 30.22 g | 10 mL | 1 mL | | Associated w/ 69585 | |
| MB 240-69596/9 | | 3540C, 8081/DOD | | 30.00 g | 10 mL | 1 mL | | Associated w/ 69585 | |
| LCS 240-69596/10 | | 3540C, 8081/DOD | | 30.00 g | 10 mL | 1 mL | 1 mL | | |

| Batch Notes | |
|---|---|
| Balance ID | b037 |
| Exchange Solvent Lot # | 671344 |
| Na2SO4 Lot Number | 677243 |
| Prep Solvent Lot # | 785984 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Method 8082 DOD

## Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| 072SB-0082-0001-SO | 240-18703-8 | 60 | 53 | 154 Q | 150 Q |
| 072SB-0075-0001-SO | 240-18703-18 | 72 | 64 | 74 | 69 |
| | MB 240-69585/23-A | 91 | 79 | 84 | 79 |
| | LCS 240-69585/24-A | 87 | 82 | 82 | 80 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 40-140 |
| DCB = DCB Decachlorobiphenyl | 60-125 |

# Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| | MRL 240-69879/39 | 121 | 117 | 115 | 113 |
| | MRL 240-69978/10 | 115 | 109 | 121 | 115 |
| | MRL 240-69978/22 | 121 | 111 | 261 ^ Q | 119 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 50-150 |
| DCB = DCB Decachlorobiphenyl | 50-150 |

# Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| 076-0140-0001-ER | 240-18703-24 | 91 | 84 | 57 | 56 |
| | MB 240-68553/4-A | 89 | 78 | 76 | 73 |
| | LCS 240-68553/5-A | 90 | 79 | 70 | 67 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 40-140 |
| DCB = DCB Decachlorobiphenyl | 40-135 |

# Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| | MRL 240-69119/4 | 116 | 132 | 95 | 99 |
| | MRL 240-69119/11 | 112 | 146 Q | 101 | 106 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 50-150 |
| DCB = DCB Decachlorobiphenyl | 50-150 |

# Column to be used to flag recovery values

FORM II 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300009.D

Lab ID: LCS 240-68553/5-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 5.00 | 4.56 | 91 | 25-145 | |
| Aroclor-1260 | 5.00 | 4.06 | 81 | 30-145 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000020.D

Lab ID: LCS 240-69585/24-A Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 333 | 282 | 85 | 40-140 | |
| Aroclor-1260 | 333 | 276 | 83 | 60-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300004.D

Lab ID: MRL 240-69119/4 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 0.0500 | 0.0579 | 116 | 70-130 | |
| Aroclor-1016 | 0.0500 | 0.0630 | 126 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0514 | 103 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0440 J | 88 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300011.D

Lab ID: MRL 240-69119/11 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 0.0500 | 0.0565 | 113 | 70-130 | |
| Aroclor-1016 | 0.0500 | 0.0567 | 113 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0504 | 101 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0457 J | 91 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000039.D

Lab ID: MRL 240-69879/39 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 0.0500 | 0.0602 | 120 | 70-130 | |
| Aroclor-1016 | 0.0500 | 0.0657 | 131 | 70-130 | ^ |
| Aroclor-1260 | 0.0500 | 0.0568 | 114 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0604 | 121 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000010.D

Lab ID: MRL 240-69978/10 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 0.0500 | 0.0554 | 111 | 70-130 | |
| Aroclor-1016 | 0.0500 | 0.0622 | 124 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0556 | 111 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0600 | 120 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000022.D

Lab ID: MRL 240-69978/22 Client ID:

| COMPOUND | SPIKE ADDED (ng/uL) | MRL CONCENTRATION (ng/uL) | MRL % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor-1016 | 0.0500 | 0.0582 | 116 | 70-130 | |
| Aroclor-1016 | 0.0500 | 0.0650 | 130 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0583 | 117 | 70-130 | |
| Aroclor-1260 | 0.0500 | 0.0613 | 123 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-68553/4-A

Matrix: Water Date Extracted: 12/13/2012 11:37

Lab File ID:(1) P1300008.D Lab File ID:(2) P1300008.D

Date Analyzed:(1) 12/18/2012 09:41 Date Analyzed:(2) 12/18/2012 09:41

Instrument ID:(1) A2HP13 Instrument ID:(2) A2HP13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| 076-0140-0001-ER | 240-18703-24 | 12/18/2012 08:56 | 12/18/2012 08:56 |
| | LCS 240-68553/5-A | 12/18/2012 09:56 | 12/18/2012 09:56 |

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-69585/23-A

Matrix: Solid Date Extracted: 12/20/2012 10:35

Lab File ID:(1) P4000020.D Lab File ID:(2) P4000020.D

Date Analyzed:(1) 12/22/2012 06:30 Date Analyzed:(2) 12/22/2012 06:30

Instrument ID:(1) A2HP4 Instrument ID:(2) A2HP4

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| 072SB-0082-0001-SO | 240-18703-8 | 12/24/2012 13:20 | 12/24/2012 13:20 |
| 072SB-0075-0001-SO | 240-18703-18 | 12/24/2012 13:35 | 12/24/2012 13:35 |
| | LCS 240-69585/24-A | 12/24/2012 14:07 | 12/24/2012 14:07 |

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69119/3  Date Analyzed: 12/18/2012 08:26

Instrument ID: A2HP13  GC Column: CLP-1  ID: 0.53(mm)

Lab File ID (Standard): P1300003.D  Heated Purge: (Y/N) N

Calibration ID: 12036

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.29 | 7.05 | |
| UPPER LIMIT | | | | 1.39 | 7.15 | |
| LOWER LIMIT | | | | 1.19 | 6.95 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69119/3 CCVRT | | 12/18/2012 08:26 | P1300003.D | 1.29 | 7.05 | |
| 240-18703-24 | 076-0140-0001-ER | 12/18/2012 08:56 | P1300005.D | 1.28 | 7.05 | |
| MB 240-68553/4-A | | 12/18/2012 09:41 | P1300008.D | 1.29 | 7.05 | |
| LCS 240-68553/5-A | | 12/18/2012 09:56 | P1300009.D | 1.29 | 7.05 | |
| CCV 240-69119/10 | | 12/18/2012 10:11 | P1300010.D | 1.28 | 7.05 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69119/3  Date Analyzed: 12/18/2012 08:26

Instrument ID: A2HP13  GC Column: CLP-2  ID: 0.53(mm)

Lab File ID (Standard): P1300003.D  Heated Purge: (Y/N) N

Calibration ID: 12037

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.64 | 8.21 | |
| UPPER LIMIT | | | | 1.74 | 8.31 | |
| LOWER LIMIT | | | | 1.54 | 8.11 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69119/3 CCVRT | | 12/18/2012 08:26 | P1300003.D | 1.64 | 8.21 | |
| 240-18703-24 | 076-0140-0001-ER | 12/18/2012 08:56 | P1300005.D | 1.64 | 8.20 | |
| MB 240-68553/4-A | | 12/18/2012 09:41 | P1300008.D | 1.64 | 8.20 | |
| LCS 240-68553/5-A | | 12/18/2012 09:56 | P1300009.D | 1.64 | 8.21 | |
| CCV 240-69119/10 | | 12/18/2012 10:11 | P1300010.D | 1.64 | 8.21 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69879/3 Date Analyzed: 12/22/2012 02:03

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 12592

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.27 | 6.62 | |
| UPPER LIMIT | | | | 1.37 | 6.72 | |
| LOWER LIMIT | | | | 1.17 | 6.52 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69879/3 CCVRT | | 12/22/2012 02:03 | P4000003.D | 1.27 | 6.62 | |
| MB 240-69585/23-A | | 12/22/2012 06:30 | P4000020.D | 1.27 | 6.62 | |
| CCV 240-69879/21 | | 12/22/2012 06:46 | P4000021.D | 1.27 | 6.62 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69879/3 Date Analyzed: 12/22/2012 02:03

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 12593

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.67 | 7.83 | |
| UPPER LIMIT | | | | 1.77 | 7.93 | |
| LOWER LIMIT | | | | 1.57 | 7.73 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69879/3 CCVRT | | 12/22/2012 02:03 | P4000003.D | 1.67 | 7.83 | |
| MB 240-69585/23-A | | 12/22/2012 06:30 | P4000020.D | 1.67 | 7.83 | |
| CCV 240-69879/21 | | 12/22/2012 06:46 | P4000021.D | 1.67 | 7.83 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69978/3 Date Analyzed: 12/24/2012 09:39

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 12592

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.27 | 6.62 | |
| UPPER LIMIT | | | | 1.37 | 6.72 | |
| LOWER LIMIT | | | | 1.17 | 6.52 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69978/3 CCVRT | | 12/24/2012 09:39 | P4000003.D | 1.27 | 6.62 | |
| 240-18703-8 | 072SB-0082-0001-SO | 12/24/2012 13:20 | P4000017.D | 1.27 | 6.62 | |
| 240-18703-18 | 072SB-0075-0001-SO | 12/24/2012 13:35 | P4000018.D | 1.27 | 6.62 | |
| LCS 240-69585/24-A | | 12/24/2012 14:07 | P4000020.D | 1.27 | 6.62 | |
| CCV 240-69978/21 | | 12/24/2012 14:23 | P4000021.D | 1.27 | 6.62 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69978/3  Date Analyzed: 12/24/2012 09:39

Instrument ID: A2HP4  GC Column: CLP-2  ID: 0.53(mm)

Lab File ID (Standard): P4000003.D  Heated Purge: (Y/N) N

Calibration ID: 12593

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.67 | 7.83 | |
| UPPER LIMIT | | | | 1.77 | 7.93 | |
| LOWER LIMIT | | | | 1.57 | 7.73 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCV 240-69978/3 CCVRT | | 12/24/2012 09:39 | P4000003.D | 1.67 | 7.83 | |
| 240-18703-8 | 072SB-0082-0001-SO | 12/24/2012 13:20 | P4000017.D | 1.67 | 7.83 | |
| 240-18703-18 | 072SB-0075-0001-SO | 12/24/2012 13:35 | P4000018.D | 1.67 | 7.83 | |
| LCS 240-69585/24-A | | 12/24/2012 14:07 | P4000020.D | 1.67 | 7.83 | |
| CCV 240-69978/21 | | 12/24/2012 14:23 | P4000021.D | 1.67 | 7.83 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68553/5-A

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/18/2012 09:56 Date Analyzed (2): 12/18/2012 09:56

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor-1016 | 1 | 1 | 2.13 | 2.08 | 2.18 | 4.47 | 4.56 | 12.2 |
| | | 2 | 2.56 | 2.51 | 2.61 | 4.58 | | |
| | | 3 | 3.04 | 2.99 | 3.09 | 5.05 | | |
| | | 4 | 3.19 | 3.14 | 3.24 | 4.68 | | |
| | | 5 | 3.84 | 3.79 | 3.89 | 4.03 | | |
| | 2 | 1 | 1.58 | 1.53 | 1.63 | 3.68 | 4.04 | |
| | | 2 | 1.89 | 1.84 | 1.94 | 3.99 | | |
| | | 3 | 2.32 | 2.27 | 2.37 | 4.26 | | |
| | | 4 | 2.45 | 2.40 | 2.50 | 4.33 | | |
| | | 5 | 2.86 | 2.81 | 2.91 | 3.91 | | |
| Aroclor-1260 | 1 | 1 | 5.12 | 5.07 | 5.17 | 4.10 | 4.06 | 9.2 |
| | | 2 | 5.37 | 5.32 | 5.42 | 4.27 | | |
| | | 3 | 5.76 | 5.71 | 5.81 | 4.03 | | |
| | | 4 | 6.49 | 6.44 | 6.54 | 4.09 | | |
| | | 5 | 6.89 | 6.84 | 6.94 | 3.81 | | |
| | 2 | 1 | 4.15 | 4.10 | 4.20 | 3.95 | 3.70 | |
| | | 2 | 4.46 | 4.41 | 4.51 | 3.82 | | |
| | | 3 | 4.76 | 4.71 | 4.81 | 3.71 | | |
| | | 4 | 5.51 | 5.46 | 5.56 | 3.64 | | |
| | | 5 | 5.81 | 5.76 | 5.86 | 3.39 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69585/24-A

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

Date Analyzed (1): 12/24/2012 14:07 Date Analyzed (2): 12/24/2012 14:07

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor-1016 | 1 | 1 | 2.13 | 2.03 | 2.23 | 260 | 282 | 8.3 |
| | | 2 | 2.53 | 2.43 | 2.63 | 282 | | |
| | | 3 | 2.98 | 2.88 | 3.08 | 300 | | |
| | | 4 | 3.12 | 3.02 | 3.22 | 284 | | |
| | | 5 | 3.22 | 3.12 | 3.32 | 286 | | |
| | 2 | 1 | 1.54 | 1.44 | 1.64 | 231 | 260 | |
| | | 2 | 1.82 | 1.72 | 1.92 | 261 | | |
| | | 3 | 2.21 | 2.11 | 2.31 | 278 | | |
| | | 4 | 2.33 | 2.23 | 2.43 | 269 | | |
| | | 5 | 2.71 | 2.61 | 2.81 | 260 | | |
| Aroclor-1260 | 1 | 1 | 4.93 | 4.83 | 5.03 | 269 | 276 | 3.3 |
| | | 2 | 5.16 | 5.06 | 5.26 | 268 | | |
| | | 3 | 5.53 | 5.43 | 5.63 | 278 | | |
| | | 4 | 6.21 | 6.11 | 6.31 | 288 | | |
| | | 5 | 6.59 | 6.49 | 6.69 | 278 | | |
| | 2 | 1 | 3.91 | 3.81 | 4.01 | 265 | 267 | |
| | | 2 | 4.20 | 4.09 | 4.29 | 268 | | |
| | | 3 | 4.48 | 4.37 | 4.57 | 270 | | |
| | | 4 | 5.18 | 5.07 | 5.27 | 277 | | |
| | | 5 | 5.46 | 5.36 | 5.56 | 256 | | |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton  Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO  Lab Sample ID: 240-18703-8

Matrix: Solid  Lab File ID: P4000017.D

Analysis Method: 8082/DOD  Date Collected: 12/10/2012 10:45

Extraction Method: 3540C  Date Extracted: 12/20/2012 10:35

Sample wt/vol: 29.70(g)  Date Analyzed: 12/24/2012 13:20

Con. Extract Vol.: 10(mL)  Dilution Factor: 1

Injection Volume: 1(uL)  GC Column: CLP-1  ID: 0.53(mm)

% Moisture: 15.5  GPC Cleanup:(Y/N) N

Analysis Batch No.: 69978  Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 53 | | 40-140 |
| 2051-24-3 | DCB Decachlorobiphenyl | 150 | Q | 60-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000017.D
Lims ID: 240-18703-H-8-E
Client ID: 072SB-0082-0001-SO
Inject. Date: 24-Dec-2012 13:20:02
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016145-017
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 17
Lims Batch ID: 69978
Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14
Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK029

First Level Reviewer: roachc
Date: 26-Dec-2012 08:32:20

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 44 | 1.271 | 1.267 | 0.004 | 14657607 | 0.0105 | | | |
| 2 | 2 | 1.673 | 1.669 | 0.004 | 10918934 | 0.0121 | | | |
| | | | | | | RPD = 13.80 | | | |
| 3 PCB-1221 | | | | | | | | | 1 |
| 1 | 2 | | 1.401 | | | | | | |
| 1 | 3 | | 1.509 | | | | | | |
| 1 | 4 | | 1.538 | | | | | | |
| 2 | 4 | | 1.946 | | | | | | |
| 2 | 5 | | 2.077 | | | | | | |
| 2 | 6 | | 2.133 | | | | | | |
| 6 PCB-1016 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.818 | | | | | | |
| 1 | 3 | | 2.209 | | | | | | |
| 1 | 4 | | 2.330 | | | | | | |
| 1 | 5 | | 2.709 | | | | | | |
| 2 | 6 | | 2.130 | | | | | | |
| 2 | 7 | | 2.525 | | | | | | |
| 2 | 8 | | 2.975 | | | | | | |
| 2 | 9 | | 3.115 | | | | | | |
| 2 | 10 | | 3.217 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 PCB-1242 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.820 | | | | | | |
| 1 | 3 | | 2.212 | | | | | | |
| 1 | 4 | | 2.331 | | | | | | |
| 1 | 5 | | 2.711 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.600 | | | | | | |
| 4 PCB-1232 | | | | | | | | | |
| 1 | 100 | | 1.538 | | | | | | |
| 1 | 2 | | 1.821 | | | | | | |
| 1 | 3 | | 2.211 | | | | | | |
| 1 | 4 | | 2.332 | | | | | | |
| 1 | 5 | | 2.710 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.726 | | | | | | |
| 7 PCB-1248 | | | | | | | | | |
| 1 | 86 | | 1.820 | | | | | | |
| 1 | 2 | | 2.210 | | | | | | |
| 1 | 3 | | 2.710 | | | | | | |
| 1 | 4 | | 3.287 | | | | | | |
| 1 | 5 | | 3.720 | | | | | | |
| 2 | 6 | | 2.526 | | | | | | |
| 2 | 7 | | 2.977 | | | | | | |
| 2 | 8 | | 3.726 | | | | | | |
| 2 | 9 | | 4.000 | | | | | | |
| 2 | 10 | | 4.722 | | | | | | |
| 8 PCB-1254 | | | | | | | | | |
| 1 | 100 | | 3.074 | | | | | | |
| 1 | 2 | | 3.721 | | | | | | |
| 1 | 3 | | 4.001 | | | | | | |
| 1 | 4 | | 4.194 | | | | | | |
| 1 | 5 | | 4.476 | | | | | | |
| 2 | 6 | | 4.246 | | | | | | |
| 2 | 7 | | 4.722 | | | | | | |
| 2 | 8 | | 4.966 | | | | | | |
| 2 | 9 | | 5.326 | | | | | | |
| 2 | 10 | | 5.530 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 10 PCB-1260 | | | | | | | | | |
| 1 | 100 | | 3.907 | | | | | | |
| 1 | 2 | | 4.194 | | | | | | |
| 1 | 3 | | 4.474 | | | | | | |
| 1 | 4 | | 5.174 | | | | | | |
| 1 | 5 | | 5.459 | | | | | | |
| 2 | 6 | | 4.928 | | | | | | |
| 2 | 7 | | 5.157 | | | | | | |
| 2 | 8 | | 5.525 | | | | | | |
| 2 | 9 | | 6.210 | | | | | | |
| 2 | 10 | | 6.593 | | | | | | |
| $ 12 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 6.618 | 6.618 | 0.000 | 39053502 | 0.0300 | | | |
| 2 | 2 | 7.831 | 7.830 | 0.001 | 30549655 | 0.0308 | | | |
| | | | | | | RPD = 2.55 | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

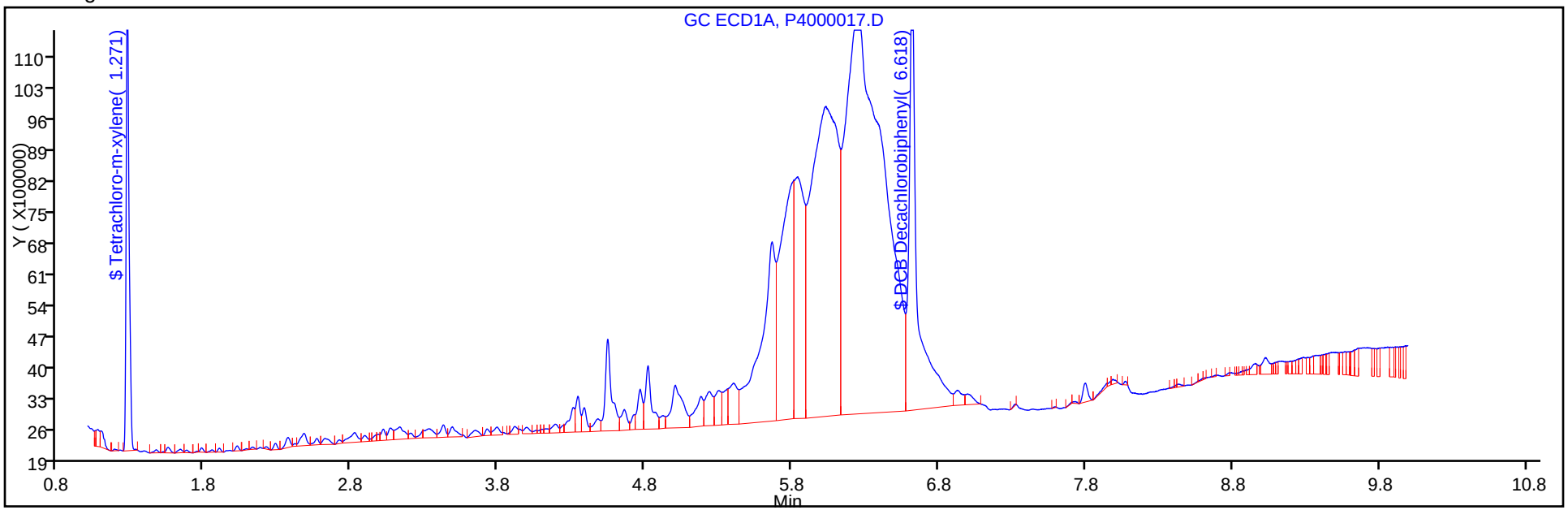
Report Date: 26-Dec-2012 08:41:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

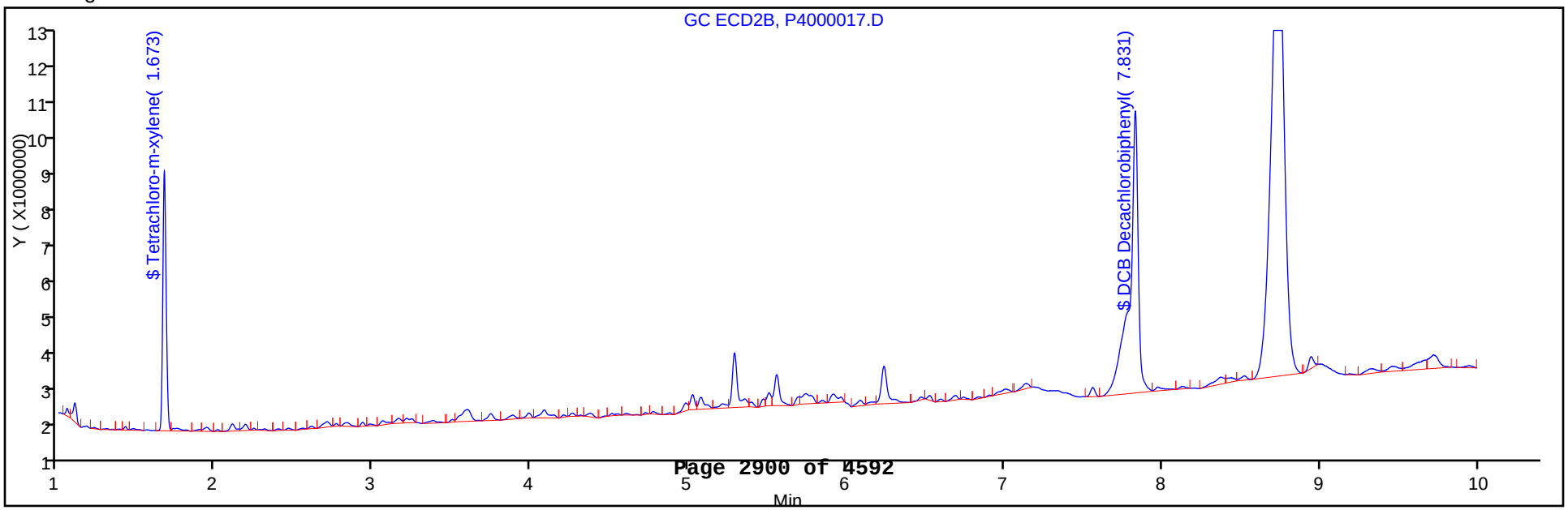
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000017.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 13:20:02 | Limit Group: | GC 8082A ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP4 |
| Lims Batch ID: | 69978 | Lims Sample ID: | 17 |
| Operator ID: | | Injection Vol: | 1.0 uL |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: P4000017.D

Analysis Method: 8082/DOD | Date Collected: 12/10/2012 10:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 10:35

Sample wt/vol: 29.70(g) | Date Analyzed: 12/24/2012 13:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69978 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | 30 | U | 60 | 30 | 19 |
| 12674-11-2 | Aroclor-1016 | 30 | U | 78 | 30 | 25 |
| 11141-16-5 | Aroclor-1232 | 30 | U | 54 | 30 | 17 |
| 53469-21-9 | Aroclor-1242 | 30 | U | 48 | 30 | 16 |
| 12672-29-6 | Aroclor-1248 | 30 | U | 66 | 30 | 20 |
| 11097-69-1 | Aroclor-1254 | 30 | U | 66 | 30 | 20 |
| 11096-82-5 | Aroclor-1260 | 30 | U | 66 | 30 | 20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 60 | | 40-140 |
| 2051-24-3 | DCB Decachlorobiphenyl | 154 | Q | 60-125 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000017.D | | |
| Lims ID: | 240-18703-H-8-E | Client ID: | 072SB-0082-0001-SO |
| Inject. Date: | 24-Dec-2012 13:20:02 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0016145-017 | | |
| Misc. Info.: | | | |
| Operator: | | Instrument ID: | A2HP4 |
| Injection Vol: | 1.0 uL | ALS Bottle#: | 17 |
| Lims Batch ID: | 69978 | Lims Sample ID: | 17 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m | | |
| Last Update: | 26-Dec-2012 08:41:14 | Calib Date: | 04-Dec-2012 19:18:24 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D | | |
| Limit Group: | GC 8082A ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK029 | | |
| First Level Reviewer: roachc | | Date: | 26-Dec-2012 08:32:20 |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 44 | 1.271 | 1.267 | 0.004 | 14657607 | 0.0105 | | | |
| 2 | 2 | 1.673 | 1.669 | 0.004 | 10918934 | 0.0121 | | | |
| | | | | | | RPD = 13.80 | | | |
| 3 PCB-1221 | | | | | | | | | 1 |
| 1 | 2 | | 1.401 | | | | | | |
| 1 | 3 | | 1.509 | | | | | | |
| 1 | 4 | | 1.538 | | | | | | |
| 2 | 4 | | 1.946 | | | | | | |
| 2 | 5 | | 2.077 | | | | | | |
| 2 | 6 | | 2.133 | | | | | | |
| 6 PCB-1016 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.818 | | | | | | |
| 1 | 3 | | 2.209 | | | | | | |
| 1 | 4 | | 2.330 | | | | | | |
| 1 | 5 | | 2.709 | | | | | | |
| 2 | 6 | | 2.130 | | | | | | |
| 2 | 7 | | 2.525 | | | | | | |
| 2 | 8 | | 2.975 | | | | | | |
| 2 | 9 | | 3.115 | | | | | | |
| 2 | 10 | | 3.217 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 PCB-1242 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.820 | | | | | | |
| 1 | 3 | | 2.212 | | | | | | |
| 1 | 4 | | 2.331 | | | | | | |
| 1 | 5 | | 2.711 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.600 | | | | | | |
| 4 PCB-1232 | | | | | | | | | |
| 1 | 100 | | 1.538 | | | | | | |
| 1 | 2 | | 1.821 | | | | | | |
| 1 | 3 | | 2.211 | | | | | | |
| 1 | 4 | | 2.332 | | | | | | |
| 1 | 5 | | 2.710 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.726 | | | | | | |
| 7 PCB-1248 | | | | | | | | | |
| 1 | 86 | | 1.820 | | | | | | |
| 1 | 2 | | 2.210 | | | | | | |
| 1 | 3 | | 2.710 | | | | | | |
| 1 | 4 | | 3.287 | | | | | | |
| 1 | 5 | | 3.720 | | | | | | |
| 2 | 6 | | 2.526 | | | | | | |
| 2 | 7 | | 2.977 | | | | | | |
| 2 | 8 | | 3.726 | | | | | | |
| 2 | 9 | | 4.000 | | | | | | |
| 2 | 10 | | 4.722 | | | | | | |
| 8 PCB-1254 | | | | | | | | | |
| 1 | 100 | | 3.074 | | | | | | |
| 1 | 2 | | 3.721 | | | | | | |
| 1 | 3 | | 4.001 | | | | | | |
| 1 | 4 | | 4.194 | | | | | | |
| 1 | 5 | | 4.476 | | | | | | |
| 2 | 6 | | 4.246 | | | | | | |
| 2 | 7 | | 4.722 | | | | | | |
| 2 | 8 | | 4.966 | | | | | | |
| 2 | 9 | | 5.326 | | | | | | |
| 2 | 10 | | 5.530 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 10 PCB-1260 | | | | | | | | | |
| 1 | 100 | | 3.907 | | | | | | |
| 1 | 2 | | 4.194 | | | | | | |
| 1 | 3 | | 4.474 | | | | | | |
| 1 | 4 | | 5.174 | | | | | | |
| 1 | 5 | | 5.459 | | | | | | |
| 2 | 6 | | 4.928 | | | | | | |
| 2 | 7 | | 5.157 | | | | | | |
| 2 | 8 | | 5.525 | | | | | | |
| 2 | 9 | | 6.210 | | | | | | |
| 2 | 10 | | 6.593 | | | | | | |
| $ 12 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 6.618 | 6.618 | 0.000 | 39053502 | 0.0300 | | | |
| 2 | 2 | 7.831 | 7.830 | 0.001 | 30549655 | 0.0308 | | | |
| | | | | | | RPD = 2.55 | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

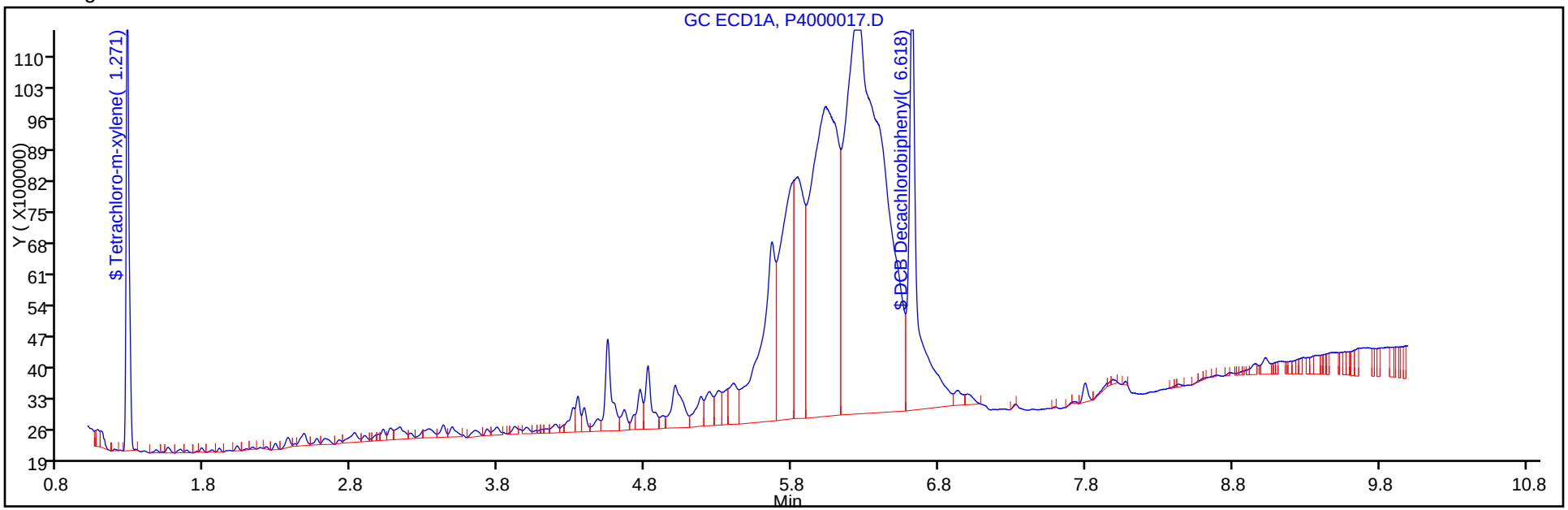
Report Date: 26-Dec-2012 08:41:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

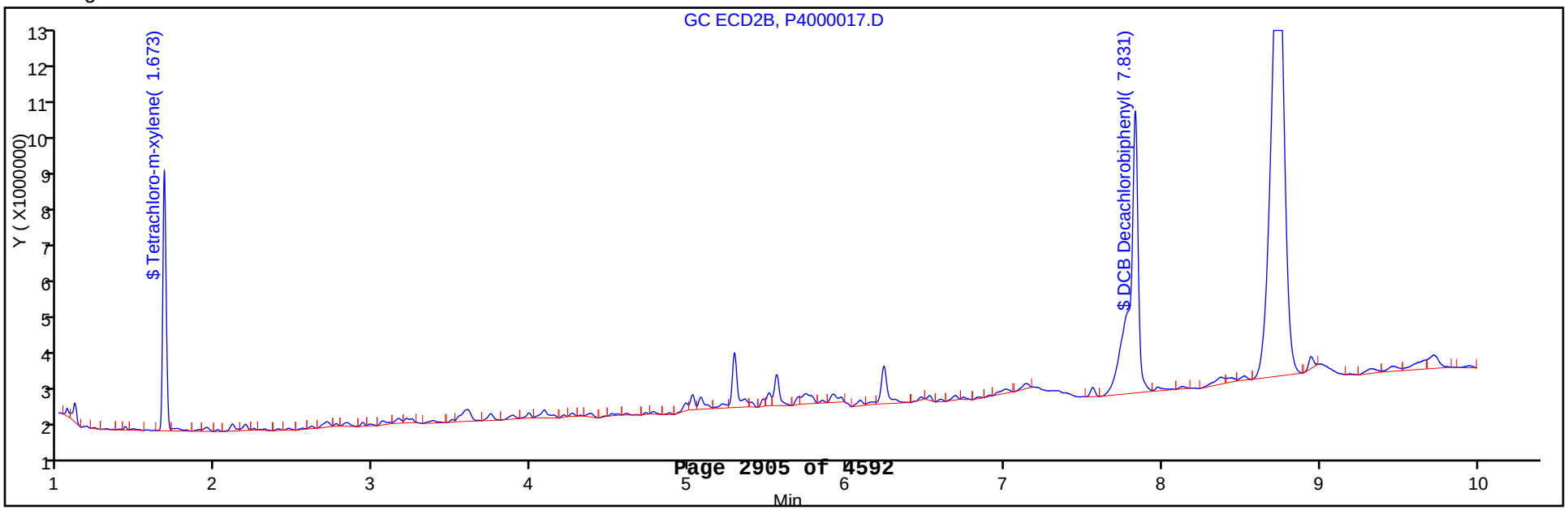
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000017.D

| | | | |
|---|---|---|---|
| Injection Date: | 24-Dec-2012 13:20:02 | Limit Group: | GC 8082A ICAL |
| Client ID: | 072SB-0082-0001-SO | Instrument ID: | A2HP4 |
| Lims Batch ID: | 69978 | Lims Sample ID: | 17 |
| Operator ID: | | Injection Vol: | 1.0 uL |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO Lab Sample ID: 240-18703-18

Matrix: Solid Lab File ID: P4000018.D

Analysis Method: 8082/DOD Date Collected: 12/10/2012 13:45

Extraction Method: 3540C Date Extracted: 12/20/2012 10:35

Sample wt/vol: 30.22(g) Date Analyzed: 12/24/2012 13:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69978 Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 64 | | 40-140 |
| 2051-24-3 | DCB Decachlorobiphenyl | 69 | | 60-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000018.D
Lims ID: 240-18703-K-18-C
Client ID: 072SB-0075-0001-SO
Inject. Date: 24-Dec-2012 13:35:46
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016145-018
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 18
Lims Batch ID: 69978
Lims Sample ID: 18
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14
Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK029

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 44 | 1.270 | 1.267 | 0.003 | 17866086 | 0.0128 | | | |
| 2 | 2 | 1.673 | 1.669 | 0.004 | 13002981 | 0.0144 | | | |
| | | | | | | RPD = 11.48 | | | |
| 3 PCB-1221 | | | | | | | | | 1 |
| 1 | 2 | | 1.401 | | | | | | |
| 1 | 3 | | 1.509 | | | | | | |
| 1 | 4 | | 1.538 | | | | | | |
| 2 | 4 | | 1.946 | | | | | | |
| 2 | 5 | | 2.077 | | | | | | |
| 2 | 6 | | 2.133 | | | | | | |
| 6 PCB-1016 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.818 | | | | | | |
| 1 | 3 | | 2.209 | | | | | | |
| 1 | 4 | | 2.330 | | | | | | |
| 1 | 5 | | 2.709 | | | | | | |
| 2 | 6 | | 2.130 | | | | | | |
| 2 | 7 | | 2.525 | | | | | | |
| 2 | 8 | | 2.975 | | | | | | |
| 2 | 9 | | 3.115 | | | | | | |
| 2 | 10 | | 3.217 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 PCB-1242 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.820 | | | | | | |
| 1 | 3 | | 2.212 | | | | | | |
| 1 | 4 | | 2.331 | | | | | | |
| 1 | 5 | | 2.711 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.600 | | | | | | |
| 4 PCB-1232 | | | | | | | | | |
| 1 | 100 | | 1.538 | | | | | | |
| 1 | 2 | | 1.821 | | | | | | |
| 1 | 3 | | 2.211 | | | | | | |
| 1 | 4 | | 2.332 | | | | | | |
| 1 | 5 | | 2.710 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.726 | | | | | | |
| 7 PCB-1248 | | | | | | | | | |
| 1 | 86 | | 1.820 | | | | | | |
| 1 | 2 | | 2.210 | | | | | | |
| 1 | 3 | | 2.710 | | | | | | |
| 1 | 4 | | 3.287 | | | | | | |
| 1 | 5 | | 3.720 | | | | | | |
| 2 | 6 | | 2.526 | | | | | | |
| 2 | 7 | | 2.977 | | | | | | |
| 2 | 8 | | 3.726 | | | | | | |
| 2 | 9 | | 4.000 | | | | | | |
| 2 | 10 | | 4.722 | | | | | | |
| 8 PCB-1254 | | | | | | | | | |
| 1 | 100 | | 3.074 | | | | | | |
| 1 | 2 | | 3.721 | | | | | | |
| 1 | 3 | | 4.001 | | | | | | |
| 1 | 4 | | 4.194 | | | | | | |
| 1 | 5 | | 4.476 | | | | | | |
| 2 | 6 | | 4.246 | | | | | | |
| 2 | 7 | | 4.722 | | | | | | |
| 2 | 8 | | 4.966 | | | | | | |
| 2 | 9 | | 5.326 | | | | | | |
| 2 | 10 | | 5.530 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 10 PCB-1260 | | | | | | | | | |
| 1 | 100 | | 3.907 | | | | | | |
| 1 | 2 | | 4.194 | | | | | | |
| 1 | 3 | | 4.474 | | | | | | |
| 1 | 4 | | 5.174 | | | | | | |
| 1 | 5 | | 5.459 | | | | | | |
| 2 | 6 | | 4.928 | | | | | | |
| 2 | 7 | | 5.157 | | | | | | |
| 2 | 8 | | 5.525 | | | | | | |
| 2 | 9 | | 6.210 | | | | | | |
| 2 | 10 | | 6.593 | | | | | | |
| $ 12 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 6.618 | 6.618 | 0.000 | 18024346 | 0.0139 | | | |
| 2 | 2 | 7.833 | 7.830 | 0.003 | 14766378 | 0.0149 | | | |
| | | | | | | RPD = 7.16 | | | |

QC Flag Legend

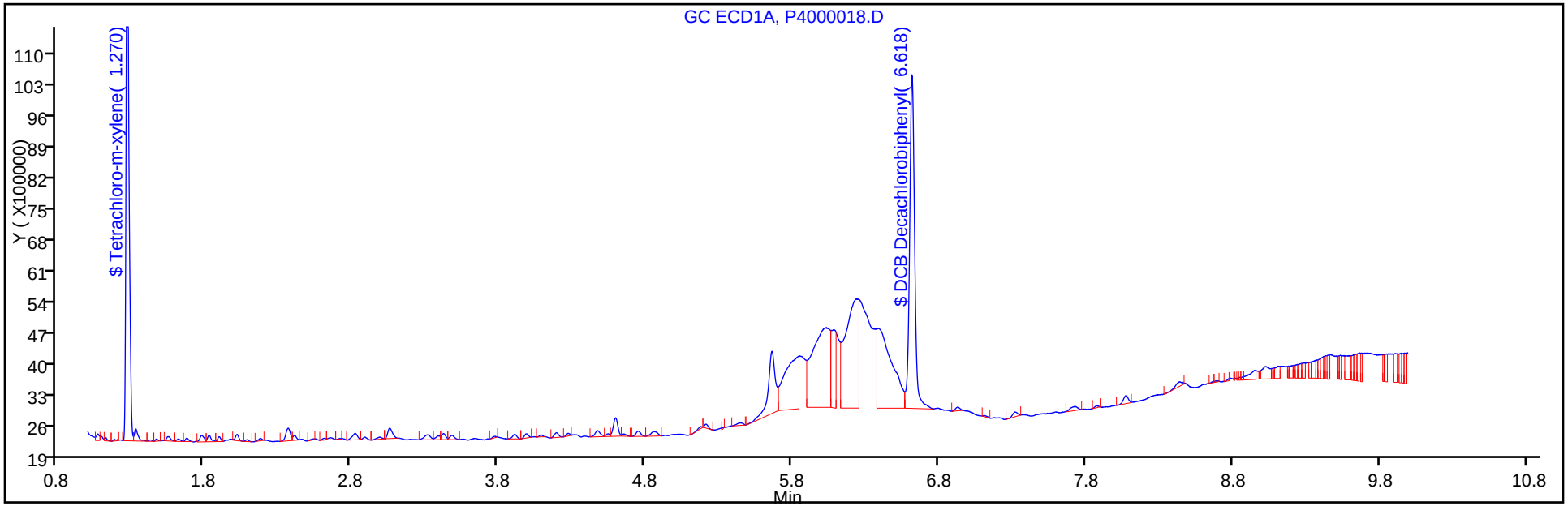
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 08:41:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

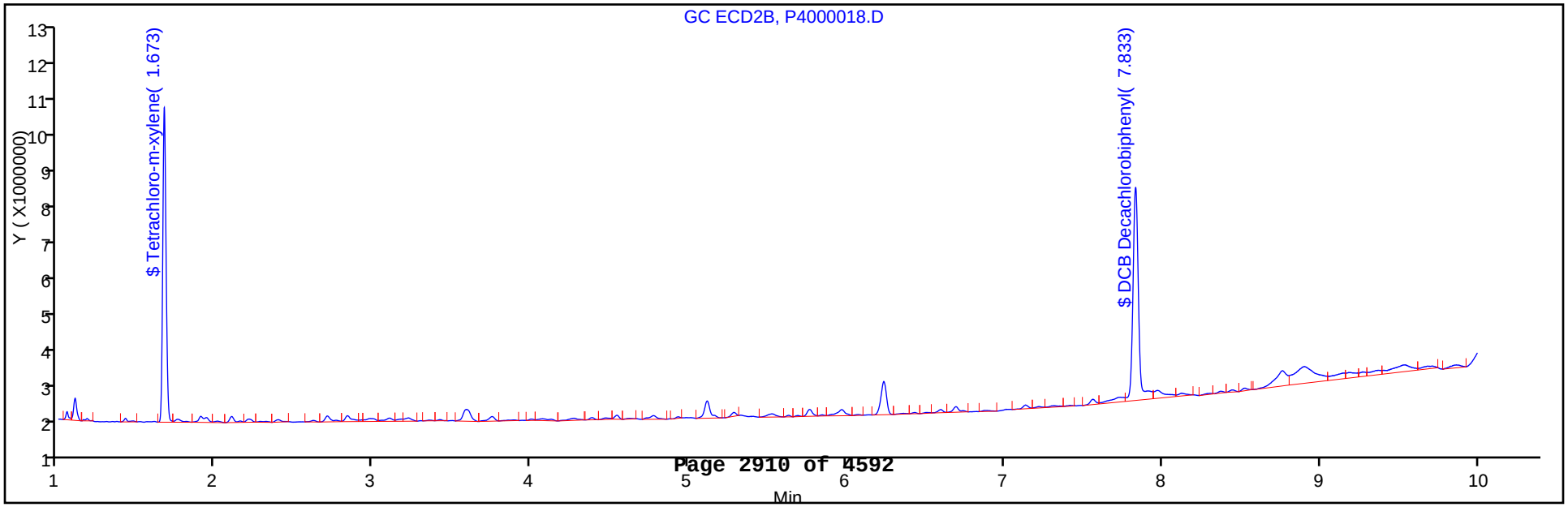
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000018.D | | |
| Injection Date: | 24-Dec-2012 13:35:46 | Limit Group: | GC 8082A ICAL |
| Client ID: | 072SB-0075-0001-SO | Instrument ID: | A2HP4 |
| Lims Batch ID: | 69978 | Lims Sample ID: | 18 |
| Operator ID: | | Injection Vol: | 1.0 uL |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: P4000018.D

Analysis Method: 8082/DOD | Date Collected: 12/10/2012 13:45

Extraction Method: 3540C | Date Extracted: 12/20/2012 10:35

Sample wt/vol: 30.22(g) | Date Analyzed: 12/24/2012 13:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69978 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | 28 | U | 57 | 28 | 18 |
| 12674-11-2 | Aroclor-1016 | 28 | U | 74 | 28 | 24 |
| 11141-16-5 | Aroclor-1232 | 28 | U | 51 | 28 | 16 |
| 53469-21-9 | Aroclor-1242 | 28 | U | 46 | 28 | 15 |
| 12672-29-6 | Aroclor-1248 | 28 | U | 63 | 28 | 19 |
| 11097-69-1 | Aroclor-1254 | 28 | U | 63 | 28 | 19 |
| 11096-82-5 | Aroclor-1260 | 28 | U | 63 | 28 | 19 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 72 | | 40-140 |
| 2051-24-3 | DCB Decachlorobiphenyl | 74 | | 60-125 |

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000018.D
Lims ID: 240-18703-K-18-C
Client ID: 072SB-0075-0001-SO
Inject. Date: 24-Dec-2012 13:35:46
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016145-018
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 18
Lims Batch ID: 69978
Lims Sample ID: 18
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14
Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK029

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 44 | 1.270 | 1.267 | 0.003 | 17866086 | 0.0128 | | | |
| 2 | 2 | 1.673 | 1.669 | 0.004 | 13002981 | 0.0144 | | | |
| | | | | | | RPD = 11.48 | | | |
| 3 PCB-1221 | | | | | | | | | 1 |
| 1 | 2 | | 1.401 | | | | | | |
| 1 | 3 | | 1.509 | | | | | | |
| 1 | 4 | | 1.538 | | | | | | |
| 2 | 4 | | 1.946 | | | | | | |
| 2 | 5 | | 2.077 | | | | | | |
| 2 | 6 | | 2.133 | | | | | | |
| 6 PCB-1016 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.818 | | | | | | |
| 1 | 3 | | 2.209 | | | | | | |
| 1 | 4 | | 2.330 | | | | | | |
| 1 | 5 | | 2.709 | | | | | | |
| 2 | 6 | | 2.130 | | | | | | |
| 2 | 7 | | 2.525 | | | | | | |
| 2 | 8 | | 2.975 | | | | | | |
| 2 | 9 | | 3.115 | | | | | | |
| 2 | 10 | | 3.217 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 PCB-1242 | | | | | | | | | |
| 1 | 100 | | 1.537 | | | | | | |
| 1 | 2 | | 1.820 | | | | | | |
| 1 | 3 | | 2.212 | | | | | | |
| 1 | 4 | | 2.331 | | | | | | |
| 1 | 5 | | 2.711 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.600 | | | | | | |
| 4 PCB-1232 | | | | | | | | | |
| 1 | 100 | | 1.538 | | | | | | |
| 1 | 2 | | 1.821 | | | | | | |
| 1 | 3 | | 2.211 | | | | | | |
| 1 | 4 | | 2.332 | | | | | | |
| 1 | 5 | | 2.710 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.527 | | | | | | |
| 2 | 8 | | 2.977 | | | | | | |
| 2 | 9 | | 3.116 | | | | | | |
| 2 | 10 | | 3.726 | | | | | | |
| 7 PCB-1248 | | | | | | | | | |
| 1 | 86 | | 1.820 | | | | | | |
| 1 | 2 | | 2.210 | | | | | | |
| 1 | 3 | | 2.710 | | | | | | |
| 1 | 4 | | 3.287 | | | | | | |
| 1 | 5 | | 3.720 | | | | | | |
| 2 | 6 | | 2.526 | | | | | | |
| 2 | 7 | | 2.977 | | | | | | |
| 2 | 8 | | 3.726 | | | | | | |
| 2 | 9 | | 4.000 | | | | | | |
| 2 | 10 | | 4.722 | | | | | | |
| 8 PCB-1254 | | | | | | | | | |
| 1 | 100 | | 3.074 | | | | | | |
| 1 | 2 | | 3.721 | | | | | | |
| 1 | 3 | | 4.001 | | | | | | |
| 1 | 4 | | 4.194 | | | | | | |
| 1 | 5 | | 4.476 | | | | | | |
| 2 | 6 | | 4.246 | | | | | | |
| 2 | 7 | | 4.722 | | | | | | |
| 2 | 8 | | 4.966 | | | | | | |
| 2 | 9 | | 5.326 | | | | | | |
| 2 | 10 | | 5.530 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 10 PCB-1260 | | | | | | | | | |
| 1 | 100 | | 3.907 | | | | | | |
| 1 | 2 | | 4.194 | | | | | | |
| 1 | 3 | | 4.474 | | | | | | |
| 1 | 4 | | 5.174 | | | | | | |
| 1 | 5 | | 5.459 | | | | | | |
| 2 | 6 | | 4.928 | | | | | | |
| 2 | 7 | | 5.157 | | | | | | |
| 2 | 8 | | 5.525 | | | | | | |
| 2 | 9 | | 6.210 | | | | | | |
| 2 | 10 | | 6.593 | | | | | | |
| $ 12 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 6.618 | 6.618 | 0.000 | 18024346 | 0.0139 | | | |
| 2 | 2 | 7.833 | 7.830 | 0.003 | 14766378 | 0.0149 | | | |
| | | | | | | RPD = 7.16 | | | |

QC Flag Legend

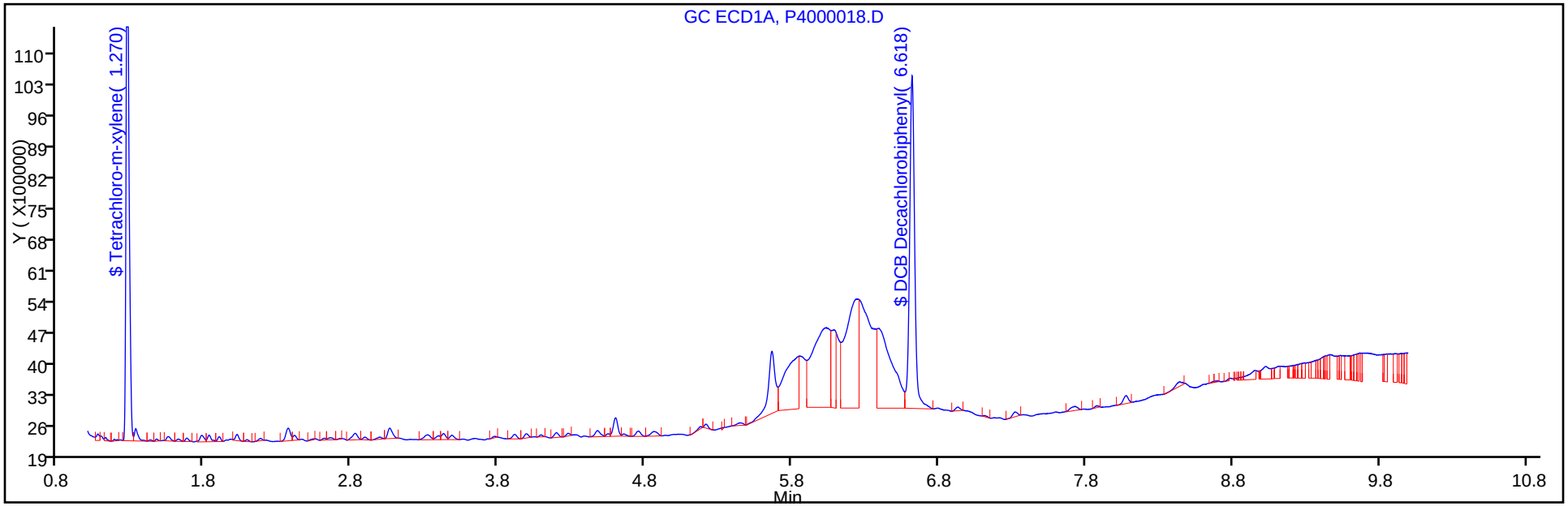
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 08:41:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

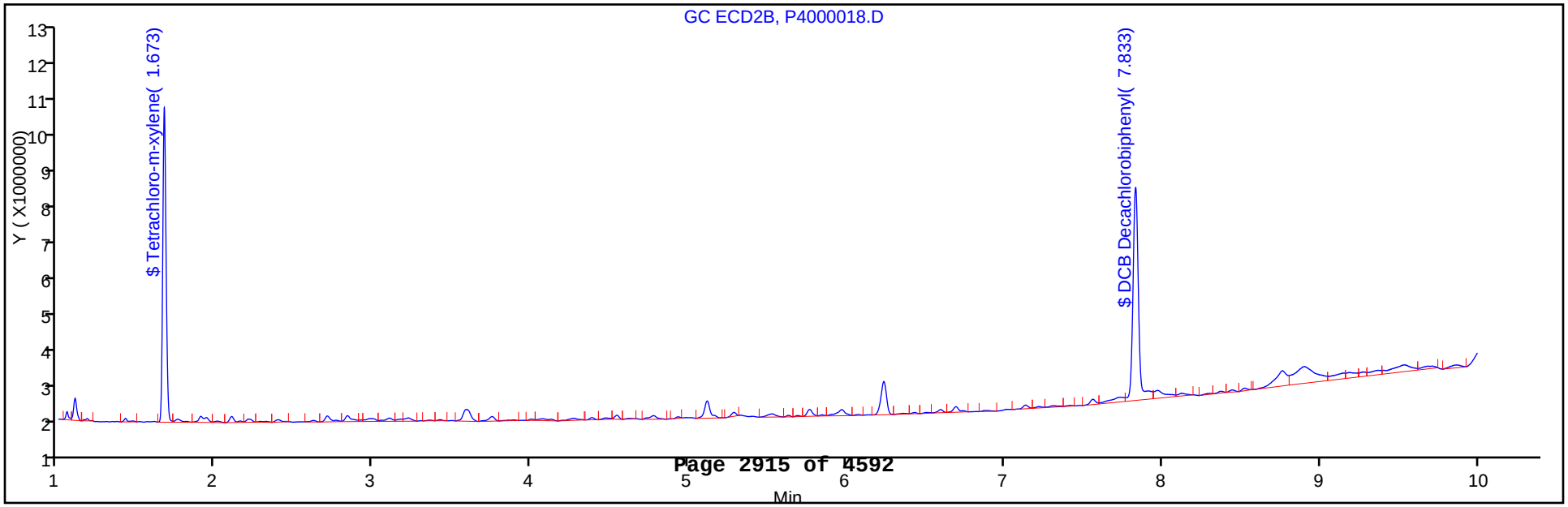
TestAmerica Canton

| | | | |
|---|---|---|---|
| Data File: | \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000018.D | | |
| Injection Date: | 24-Dec-2012 13:35:46 | Limit Group: | GC 8082A ICAL |
| Client ID: | 072SB-0075-0001-SO | Instrument ID: | A2HP4 |
| Lims Batch ID: | 69978 | Lims Sample ID: | 18 |
| Operator ID: | | Injection Vol: | 1.0 uL |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER Lab Sample ID: 240-18703-24

Matrix: Water Lab File ID: P1300005.D

Analysis Method: 8082/DOD Date Collected: 12/09/2012 10:30

Extraction Method: 3520C Date Extracted: 12/13/2012 11:37

Sample wt/vol: 1050(mL) Date Analyzed: 12/18/2012 08:56

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69119 Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 84 | | 40-140 |
| 2051-24-3 | DCB Decachlorobiphenyl | 56 | | 40-135 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300005.D | | |
| Lims ID: | 240-18703-K-24-A | Client ID: | 076-0140-0001-ER |
| Inject. Date: | 18-Dec-2012 08:56:29 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0015947-005 | | |
| Misc. Info.: | | | |
| Operator: | | Instrument ID: | A2HP13 |
| Injection Vol: | 1.0 uL | ALS Bottle#: | 5 |
| Lims Batch ID: | 69119 | Lims Sample ID: | 5 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m | | |
| Last Update: | 21-Dec-2012 09:49:15 | Calib Date: | 22-Oct-2012 03:04:38 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D | | |
| Limit Group: | GC 8082A ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK005 | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 44 | 1.284 | 1.285 | -0.001 | 76444076 | 0.0335 | | | |
| 2 | 2 | 1.638 | 1.640 | -0.002 | 52175963 | 0.0363 | | | |
| | | | | | | RPD = 8.09 | | | |
| 3 PCB-1221 | | | | | | | | | |
| 1 | 2 | | 1.429 | | | | | | |
| 1 | 3 | | 1.579 | | | | | | |
| 1 | 4 | | 1.547 | | | | | | |
| 2 | 4 | | 1.934 | | | | | | |
| 2 | 5 | | 2.073 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 4 PCB-1232 | | | | | | | | | 1 |
| 1 | 100 | | 1.580 | | | | | | |
| 1 | 2 | | 1.888 | | | | | | |
| 1 | 3 | | 2.314 | | | | | | |
| 1 | 4 | | 2.444 | | | | | | |
| 1 | 5 | | 2.856 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.556 | | | | | | |
| 2 | 8 | | 3.037 | | | | | | |
| 2 | 9 | | 3.185 | | | | | | |
| 2 | 10 | | 3.836 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 | PCB-1016 | | | | | | | | 1 |
| 1 | 100 | | 1.580 | | | | | | |
| 1 | 2 | | 1.888 | | | | | | |
| 1 | 3 | | 2.315 | | | | | | |
| 1 | 4 | | 2.445 | | | | | | |
| 1 | 5 | | 2.858 | | | | | | |
| 2 | 6 | | 2.134 | | | | | | |
| 2 | 7 | | 2.556 | | | | | | |
| 2 | 8 | | 3.037 | | | | | | |
| 2 | 9 | | 3.185 | | | | | | |
| 2 | 10 | | 3.837 | | | | | | |
| 5 | PCB-1242 | | | | | | | | |
| 1 | 100 | | 1.580 | | | | | | |
| 1 | 2 | | 1.888 | | | | | | |
| 1 | 3 | | 2.313 | | | | | | |
| 1 | 4 | | 2.444 | | | | | | |
| 1 | 5 | | 2.858 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.555 | | | | | | |
| 2 | 8 | | 3.037 | | | | | | |
| 2 | 9 | | 3.185 | | | | | | |
| 2 | 10 | | 3.703 | | | | | | |
| 7 | PCB-1248 | | | | | | | | 1 |
| 1 | 86 | | 1.888 | | | | | | |
| 1 | 2 | | 2.311 | | | | | | |
| 1 | 3 | | 2.857 | | | | | | |
| 1 | 4 | | 3.479 | | | | | | |
| 1 | 5 | | 3.947 | | | | | | |
| 2 | 6 | | 2.553 | | | | | | |
| 2 | 7 | | 3.035 | | | | | | |
| 2 | 8 | | 3.703 | | | | | | |
| 2 | 9 | | 3.835 | | | | | | |
| 2 | 10 | | 4.901 | | | | | | |
| 8 | PCB-1254 | | | | | | | | 1 |
| 1 | 100 | | 3.531 | | | | | | |
| 1 | 2 | | 3.946 | | | | | | |
| 1 | 3 | | 4.250 | | | | | | |
| 1 | 4 | | 4.457 | | | | | | |
| 1 | 5 | | 4.758 | | | | | | |
| 2 | 6 | | 4.395 | | | | | | |
| 2 | 7 | | 4.900 | | | | | | |
| 2 | 8 | | 5.161 | | | | | | |
| 2 | 9 | | 5.542 | | | | | | |
| 2 | 10 | | 5.761 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 10 PCB-1260 | | | | | | | | | 1 |
| 1 | 100 | | 4.149 | | | | | | |
| 1 | 2 | | 4.458 | | | | | | |
| 1 | 3 | | 4.758 | | | | | | |
| 1 | 4 | | 5.508 | | | | | | |
| 1 | 5 | | 5.810 | | | | | | |
| 2 | 6 | | 5.123 | | | | | | |
| 2 | 7 | | 5.370 | | | | | | |
| 2 | 8 | | 5.757 | | | | | | |
| 2 | 9 | | 6.491 | | | | | | |
| 2 | 10 | | 6.893 | | | | | | |
| $ 12 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 7.047 | 7.045 | 0.002 | 52305246 | 0.0224 | | | |
| 2 | 2 | 8.204 | 8.205 | -0.001 | 30813029 | 0.0229 | | | |
| | | | | | | RPD = 2.09 | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

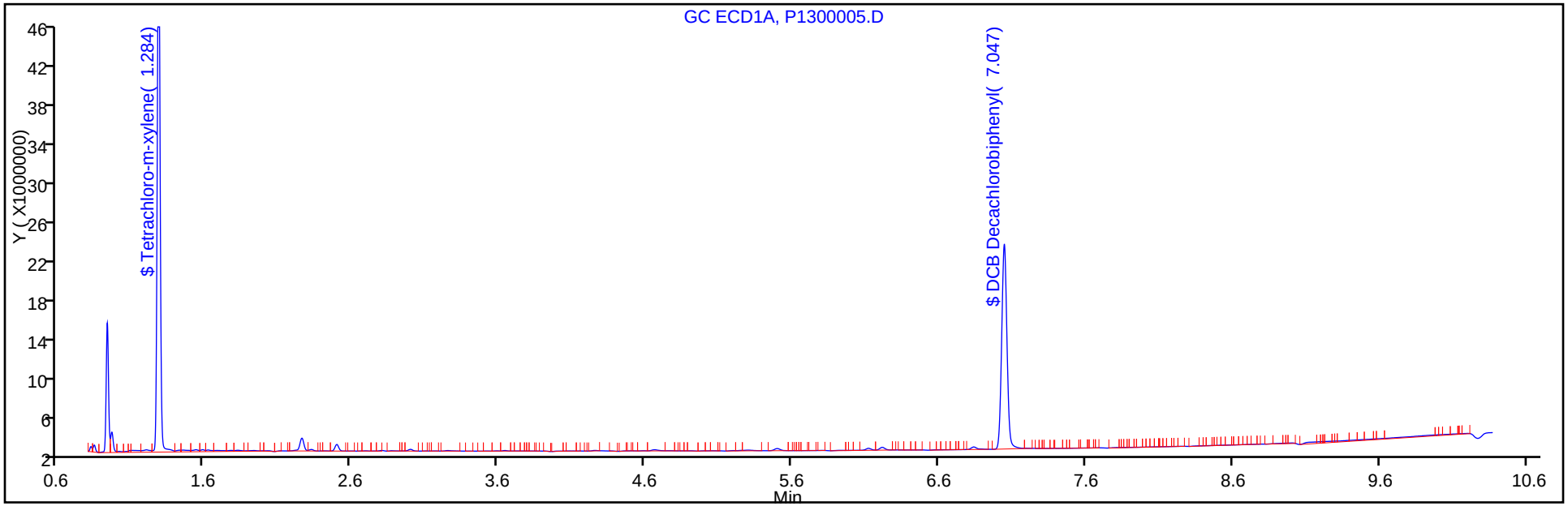
Report Date: 21-Dec-2012 09:49:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

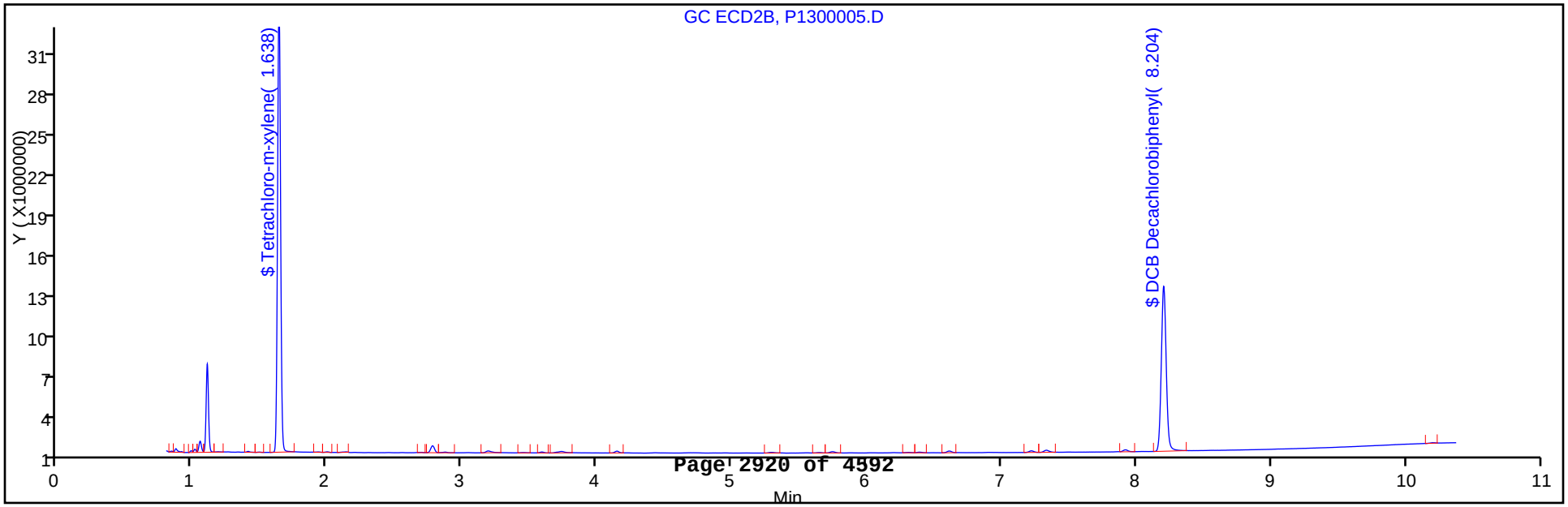
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300005.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 08:56:29 | Limit Group: | GC 8082A ICAL |
| Client ID: | 076-0140-0001-ER | Instrument ID: | A2HP13 |
| Lims Batch ID: | 69119 | Lims Sample ID: | 5 |
| Operator ID: | | Injection Vol: | 1.0 uL |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: P1300005.D

Analysis Method: 8082/DOD | Date Collected: 12/09/2012 10:30

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:37

Sample wt/vol: 1050(mL) | Date Analyzed: 12/18/2012 08:56

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69119 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | LOQ | LOD | DL |
|---|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | 0.19 | U | 0.48 | 0.19 | 0.12 |
| 12674-11-2 | Aroclor-1016 | 0.19 | U | 0.48 | 0.19 | 0.16 |
| 11141-16-5 | Aroclor-1232 | 0.19 | U | 0.48 | 0.19 | 0.15 |
| 53469-21-9 | Aroclor-1242 | 0.38 | U | 0.48 | 0.38 | 0.21 |
| 12672-29-6 | Aroclor-1248 | 0.19 | U | 0.48 | 0.19 | 0.095 |
| 11097-69-1 | Aroclor-1254 | 0.19 | U | 0.48 | 0.19 | 0.15 |
| 11096-82-5 | Aroclor-1260 | 0.19 | U | 0.48 | 0.19 | 0.16 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 91 | | 40-140 |
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 40-135 |

TestAmerica Canton
Target Compound Quantitation Report

| | | | |
|---|---|---|---|
| Data File: | \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300005.D | | |
| Lims ID: | 240-18703-K-24-A | Client ID: | 076-0140-0001-ER |
| Inject. Date: | 18-Dec-2012 08:56:29 | Dil. Factor: | 1.0000 |
| Sample Type: | Client | | |
| Sample ID: | 240-0015947-005 | | |
| Misc. Info.: | | | |
| Operator: | | Instrument ID: | A2HP13 |
| Injection Vol: | 1.0 uL | ALS Bottle#: | 5 |
| Lims Batch ID: | 69119 | Lims Sample ID: | 5 |
| Detector 1 : | GC ECD1A | | |
| Detector 2 : | GC ecd2b | | |
| Method: | \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m | | |
| Last Update: | 21-Dec-2012 09:49:15 | Calib Date: | 22-Oct-2012 03:04:38 |
| Quant Method: | External Standard | Quant By: | Initial Calibration |
| Last ICal File: | \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D | | |
| Limit Group: | GC 8082A ICAL | | |
| Integrator: | Falcon | | |
| Column Type: | | Column Dia: | |
| Process Host: | XAWRK005 | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | | | | | | | | | |
| 1 | 44 | 1.284 | 1.285 | -0.001 | 76444076 | 0.0335 | | | |
| 2 | 2 | 1.638 | 1.640 | -0.002 | 52175963 | 0.0363 | | | |
| | | | | | | RPD = 8.09 | | | |
| 3 PCB-1221 | | | | | | | | | |
| 1 | 2 | | 1.429 | | | | | | |
| 1 | 3 | | 1.579 | | | | | | |
| 1 | 4 | | 1.547 | | | | | | |
| 2 | 4 | | 1.934 | | | | | | |
| 2 | 5 | | 2.073 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 4 PCB-1232 | | | | | | | | | 1 |
| 1 | 100 | | 1.580 | | | | | | |
| 1 | 2 | | 1.888 | | | | | | |
| 1 | 3 | | 2.314 | | | | | | |
| 1 | 4 | | 2.444 | | | | | | |
| 1 | 5 | | 2.856 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.556 | | | | | | |
| 2 | 8 | | 3.037 | | | | | | |
| 2 | 9 | | 3.185 | | | | | | |
| 2 | 10 | | 3.836 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 | PCB-1016 | | | | | | | | 1 |
| 1 | 100 | | 1.580 | | | | | | |
| 1 | 2 | | 1.888 | | | | | | |
| 1 | 3 | | 2.315 | | | | | | |
| 1 | 4 | | 2.445 | | | | | | |
| 1 | 5 | | 2.858 | | | | | | |
| 2 | 6 | | 2.134 | | | | | | |
| 2 | 7 | | 2.556 | | | | | | |
| 2 | 8 | | 3.037 | | | | | | |
| 2 | 9 | | 3.185 | | | | | | |
| 2 | 10 | | 3.837 | | | | | | |
| 5 | PCB-1242 | | | | | | | | |
| 1 | 100 | | 1.580 | | | | | | |
| 1 | 2 | | 1.888 | | | | | | |
| 1 | 3 | | 2.313 | | | | | | |
| 1 | 4 | | 2.444 | | | | | | |
| 1 | 5 | | 2.858 | | | | | | |
| 2 | 6 | | 2.132 | | | | | | |
| 2 | 7 | | 2.555 | | | | | | |
| 2 | 8 | | 3.037 | | | | | | |
| 2 | 9 | | 3.185 | | | | | | |
| 2 | 10 | | 3.703 | | | | | | |
| 7 | PCB-1248 | | | | | | | | 1 |
| 1 | 86 | | 1.888 | | | | | | |
| 1 | 2 | | 2.311 | | | | | | |
| 1 | 3 | | 2.857 | | | | | | |
| 1 | 4 | | 3.479 | | | | | | |
| 1 | 5 | | 3.947 | | | | | | |
| 2 | 6 | | 2.553 | | | | | | |
| 2 | 7 | | 3.035 | | | | | | |
| 2 | 8 | | 3.703 | | | | | | |
| 2 | 9 | | 3.835 | | | | | | |
| 2 | 10 | | 4.901 | | | | | | |
| 8 | PCB-1254 | | | | | | | | 1 |
| 1 | 100 | | 3.531 | | | | | | |
| 1 | 2 | | 3.946 | | | | | | |
| 1 | 3 | | 4.250 | | | | | | |
| 1 | 4 | | 4.457 | | | | | | |
| 1 | 5 | | 4.758 | | | | | | |
| 2 | 6 | | 4.395 | | | | | | |
| 2 | 7 | | 4.900 | | | | | | |
| 2 | 8 | | 5.161 | | | | | | |
| 2 | 9 | | 5.542 | | | | | | |
| 2 | 10 | | 5.761 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ng/ul | Ratio Range | Ratio | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 10 PCB-1260 | | | | | | | | | 1 |
| 1 | 100 | | 4.149 | | | | | | |
| 1 | 2 | | 4.458 | | | | | | |
| 1 | 3 | | 4.758 | | | | | | |
| 1 | 4 | | 5.508 | | | | | | |
| 1 | 5 | | 5.810 | | | | | | |
| 2 | 6 | | 5.123 | | | | | | |
| 2 | 7 | | 5.370 | | | | | | |
| 2 | 8 | | 5.757 | | | | | | |
| 2 | 9 | | 6.491 | | | | | | |
| 2 | 10 | | 6.893 | | | | | | |
| $ 12 DCB Decachlorobiphenyl | | | | | | | | | |
| 1 | 100 | 7.047 | 7.045 | 0.002 | 52305246 | 0.0224 | | | |
| 2 | 2 | 8.204 | 8.205 | -0.001 | 30813029 | 0.0229 | | | |
| | | | | | | RPD = 2.09 | | | |

QC Flag Legend

Processing Flags
1 - Missing Peaks

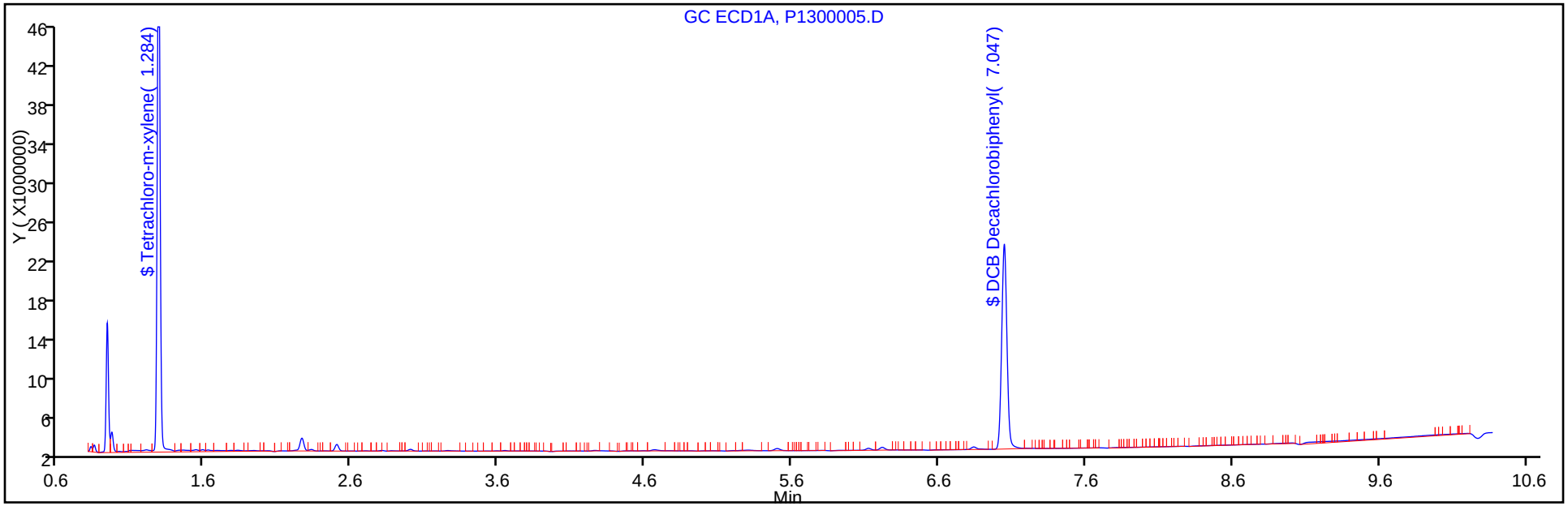
Report Date: 21-Dec-2012 09:49:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300005.D

| | | | |
|---|---|---|---|
| Injection Date: | 18-Dec-2012 08:56:29 | Limit Group: | GC 8082A ICAL |
| Client ID: | 076-0140-0001-ER | Instrument ID: | A2HP13 |
| Lims Batch ID: | 69119 | Lims Sample ID: | 5 |
| Operator ID: | | Injection Vol: | 1.0 uL |
| Column Type: | | Column Dia: | |

Y Scaling: Method Defined: Set to Absolute Y Value




Y Scaling: Method Defined: Set to Absolute Y Value

